open
destinations

INTERNSHIP REPORT

TITLE OF THE PROJECT:
Travel Studio

travel studio

Full Name Of The Student: Disha Damodar Malvanker
Roll No: 2106

Open Destinations   Goa University

Travel Studio

Completed by:
Disha Damodar Malvanker
RollNo: 2106

for the partial fulfillment of
MCA Degree for Semester IV
Discipline of Computer Science and Technology,
Goa Business School,
Goa University

At
Open Destinations
6th & 7th Floor, Kamat Grand,
Behind Caculo Mall, St Inez,
Panjim Goa. India. 403001

Under the guidance of
Swapnil Kamat
(Development Manager, Open Destinations)
&
Pritoria Dmello
(HR, Open Destinations)
&
Nagesh Patil
(Bootcamp/Product Technical Trainer, Open Destinations)
&
Alfredo Fernandes
(Product Trainer, Open Destinations)
&
Rupesh Korgaukar
(Product Trainer & Mentor, Open Destinations)
&
Ritu James
(Team leader, Open Destinations)
&
Amrapali Nayak
(Team Leader, Open Destinations)

open
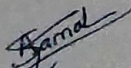## destination

powering global
travel solutions
since 1999

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Disha Malvanker**, a student of the Master of Computer Applications (MCA) course at Goa University, Goa, has completed her final semester project at our company **Open Destinations** from 01-Feb-23 to 10-Jun-23.
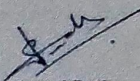
Disha has successfully completed the internship and has met the expectations of her Team Leader and guide.

This certificate is being issued as requested and is to be submitted as the internship project report at Goa University.

For Open Destinations.

Swapnil Kamat
Development Manager

Goretti Pedro
HR Manager

GOA UNIVERSITY

GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that Ms. Disha Damodar Malvanker has successfully completed her internship at Open Destinations Pvt. Ltd, 6th & 7th Floor, Kamat Grand, Behind Caculo Mall, St Inez,Panjim Goa. India. 403001, in partial fulfillment of the award of the degree in Master of Computer Application.

_____
Examiner 1

_____
Examiner 2

Place: Goa University
Date: 15/06/2023

_____
Dean, Goa Business School

ACKNOWLEDGEMENT

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(Team Leader, Open Destinations)

Date: 10-Jun-23

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Place: Goa University   _____
Date: 15/06/2023   Dean, Goa Business School

ACKNOWLEDGEMENT

The internship opportunity in Open Destination was a great chance for learning and improving my coding skills. It has provided me a chance to meet so many professional people who have helped me through this internship period. I am glad to get this opportunity to express my deepest gratitude and special thanks to everyone who has guided me in this internship period.

First and foremost I would like to thank my teachers of the Computer Science and Technology Department, Goa University. I thank Mr. Hanumant Harichandra Redkar Sir (MCA, Goa University) and all the faculty members of Goa University for the guidance, support, help and encouragement during placements.

I would also like to thank Mr. Swapnil Kamat (Development Manager, Open Destinations) and Mrs. Pritoria Dmello (HR, Open Destinations) for giving me the opportunity to showcase my skills and passion towards my work in the company. Special thanks to my trainers Nagesh Patil (Product Technical Trainer, Open Destinations), Alfredo Fernandes (Product Trainer, Open Destinations), Rupesh Korgaukar (Product Trainer & Mentor, Open Destinations) who had patiently taught the concepts and given good guidance on how to work with the given task. Also thanks to my Team Project Manager Ms. Ritu James and Team Leader Ms. Amrapali Nayak, Open Destinations for giving me the opportunity to work in their Rail Development Team.

I even like to thank my team members for their guidance and help which were extremely valuable.

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INTRODUCTION

An internship program has become the bridge for me to enter the corporate level from college life. Through internship I got to know the real working environment of the company and it has been a very important and good experience of my life. During my internship, I got a chance to get an excellent training from my trainers about all old and new concepts and also an opportunity to work in the development team where the employees take an effort to develop new features in the product and solve the issues/bugs found in the product. The time I spent at Open Destinations was more engaged with the learning part through tasks and assignments.

Thus, the internship duration provided me with the opportunity to broaden my knowledge that would be more helpful to shape up my career in the future.

As partial fulfillment of the requirement of the Masters of Computer Application program of Goa University, I was assigned to Open Destinations for internship program.The primary objective of the internship is to generate an understanding of the workplace environment, the different tasks/activities of the developers. In a way, it was more to get practical experience of all the studies, theories that I had acquired so far. This would help me a way towards growth in my academics as well as a developer.

COMPANY PROFILE

Open Destinations is an established travel technology player with more than 25 years real-world experience and 500+ travel tech experts, solving the biggest technological issues that tour and rail operators face. It was founded in 1999 by Kevin O'Sullivan, the founder and the CEO of the company. Over 10,000 travel professionals log into use our technology every single day. They choose us because our technology is richer, more complete and more customer centric than any other in the marketplace.

Working at Open Destinations
Open Destinations is constantly looking to recruit talented, motivated people who can add value to the business. They are a rapidly expanding company and are always looking for new people with demonstrated travel and technology experience. They have the diverse international teams spread between Goa and London enjoying an active social calendar, opportunities for global travel, offsite meetings in inspiring locations, central office locations with great transport links, and much more.

Products:

Travel Studio A powerful, easy to use browser based end-to-end reservations management platform with rich functionality, all connected smoothly to our huge supplier network. As easy as 'click & drag'!

Travel Builder A reservations management solution for growing Tour and Destination Management Companies with simple systems that can handle complex bookings in real time, allowing you to focus on growing your business.

Rail Studio A fully developed Rail Management, Product Packaging, and Reservations System designed to help luxury, heritage, regional, and sleeper trains sell rail experiences through all distribution channels.

Tineri A white-label mobile itinerary app, Tineri is an ultra user-friendly solution that makes it easy to communicate with your customers before, during and after their trip. Even better, it's built to easily incorporate your company's brand identity.

The projects I have worked on are:

Travel Studio from Open Destinations is an industry-leading end-to-end Reservation Management system, it is a website that enables Tour Operators to look forward to a future of long-term financial growth and business sustainability. It deals with booking of packages and services like hotels, travels and other entertainment for your successful tour.

It has a range of features like:

- Simple user interface
- Time-Saving features
- 24/7 user support
- Dedicated training programs
- Access any upgrades as part of Travel Studio's user community
- Unrivaled supplier connections
- Lightning fast searches
- Full workflow support and automation
- A highly flexible system tailored to your needs
- Packages, FIT and Group functionality

Rail Studio from Open Destinations is a future-focused Rail Management, Product Packaging and Reservations System designed and built for the specific needs of Regional Railway Operators, Luxury Trains, Sleeper Trains and Heritage Railways. Combining years of tour operator software and a rail reservation platform development, Rail Operators can now incorporate and sell more complex journeys coupled with great tour & travel packages to increase their bottom line.

- **Luxury Rail** Create and sell luxury rail journeys with packages that add a personal touch, bringing customer value and new revenue as you build unforgettable travel experiences.

- **Heritage Railways** Easily sell memorable heritage rail journeys including ancillary services such as dining, packaging with local events and partnering with historical site organizations.

- **Regional Rail Operators** Manage and sell your complete network, easily configure trains, build complex itineraries, and allocate seat assignment across multiple routes and passenger classes such as concessions.

- **Sleeper Trains** Set-up and manage your night trains with flexible configuration of your hotel on wheels. Sell cabins, sleepers as well as onboard meals or other services through your direct and indirect channels.

There are many features of rail studio:

- **Market-Specific Pricing** Create multiple tiers of pricing to distribute your product in different markets and channels

- **Exceptional E-Commerce** Powering over 85 million searches per day across B2B and B2C websites and global API integrations
- **Product Package** Create packages to include events, excursions, transfers, services and much more to increase revenue per journey as you build unforgettable travel experiences.
- **Global Perspective** Multilingual user interface, content and websites and customer support on every time zone
- **Workflow Automation** Create multiple workflows based on channel, brand and destination alongside automation of messaging, QA and commercial processes
- **Yield Management** Dynamically adjust seat sales price to reflect availability and maximize on demand
- **Intuitive Seat Assignment** Manual or automatic seat assignment with real-time cabin mapping
- **Intelligent Passenger Profiles** Automatically fill information for frequent passengers to increase efficiency and user experience.
- **Business Support Services** Dedicated offshore teams to run business processes including contract loading, fare auditing and supplier invoice processing.

MY DESIGNATION IN COMPANY AND IMPORTANT ROLES PERFORMED AS AN INTERN

In Open Destinations I am working as a Junior Software Developer. I am responsible for working on their product Travel Studio and Rail Studio that is debugging the issues occurring in the product faced by the clients using the product. I am part of the Rail Development team which handles issues related to Rail Studio to solve the issues in the product so that our clients happily enjoy working with our product and they don't face any difficulties.

During my internship I learned many concepts like ASP.NET, MVC, basics of C#, SQL, creating stored procedures, basics of NodeJS, JavaScript, debugging the code and stored procedures and much more which I was able to put into practice in solving the issues/tasks assigned to me. I was even taught about jira website, the jira website is very important for us as the issues or targets are displayed on jira and each developer is assigned a particular issue to be solved. It is necessary to log the time on jira once the issue is assigned that helps to know how much time the developer had spent to complete that particular issue. The work was challenging and I learned the concepts and gained more confidence in myself. It was overall a very good and valuable experience.

BOOTCAMP AND TRAINING

On 1 February 2023, Before starting with bootcamp we had a short Introduction section by the HR and the trainer about the company, its products, management and the protocols.

Bootcamp

Bootcamp was started on 1 February 2023 by Nagesh Patil (Product Technical Trainer).

The training started with the basic introduction to .NET Framework and their two components and little information about .NET Core.
Then he introduced the Client Side Languages that are HTML, CSS and JavaScript. And aso The Server Side Language that is ASP (Active Server Pages). Through the ASP.NET framework I even came across Page Life Cycle and State Management. I was also introduced to web services and API and other tools such as Microsoft Visual Studio and Microsoft SQL Server Management Studio.

The trainer had also covered some basic topics which were already taught to us such as Arrays, OOPs Concepts, Constructors, Access modifiers and much more. I was told to write the code using all the concepts taught by following all the coding guidelines and I was getting evaluated for it.

Then the trainer even introduced the basics of SQL queries and then he taught us about how to create Stored Procedures and he also introduced the concept of ADO.net which was again new to me. Later he started with Three-layer architecture and AJAX. During Bootcamp I was told to submit the daily report on the topics covered which was again used in future to memorize the topics.

As Bootcamp was coming to end I was told to create an Online Stationery Website using all the concepts covered in bootcamp. The website was created using Three-Tier Architecture and other concepts taught to us. This website includes 3 users: Admin, Seller and Customer each can login/logout with the respected account registered. The Admin have the option to check the Supplier Details, Product Details, Customer Details and Order Details. The Seller has the option to check his entered products and their product details, to add a new category for his product if it does not exist, to add new products, and also to view and edit the category. The customer has the option to browse the products which are sold by the seller, can view the details of a single product, can search for the product, can view each category of product, can add to cart, can order the products from cart, can check the order history.

The Bootcamp ended on 21 February 2023 with the MCQ test and followed by giving the demo along with the explanation of the website created to our manager.

Training

Product Training

The Product training was started on 22 February 2023 by Alfredo Fernandes (Product Trainer).

ODL is a product based company, that is we were not needed to create any additional product in the company we were assigned and have to work on the same product which already exists. The trainer had given a brief knowledge about the product of ODL and how it works. The main product I had to work on was Travel Studio. He also guided us in installing and setting up the whole product in our system.

The Travel Studio product is based on the travel domain which includes different entities such as Passengers, Agents, Services and Suppliers. And all these entities are part of Travel Studio and all play a very important role in this product. I was given a daily task and on each and everyday I was told to submit the report on what I have understood and the task performed.

The Product training ended on 7 March 2023 with the MCQ test based on the topics covered in the product training.

After the product training ended we had a break from 8 March 2023 to 14 March 2023. In this period we were told to revise and brush up on all the topics covered from the beginning of bootcamp and Product Training. Here also I was told to submit a daily report on the topics learned and covered on each day to the manager.

Product Technical Training

The Product Technical Training was started on 15 March 2023 by Nagesh Patil.

This training was based on the technical knowledge of the functionality of the product. The knowledge of main code and the SQL queries and Stored Procedures included in the product Travel Studio. We were introduced to the development process and different development guidelines along with the SVN (SubVersion) Software and their structure, it is the software that helps software developers to work together and maintain a complete history of their work. It is used for fast-changing projects, it is a Version Control System to track changes made to the project. Our product has two repositories one for API and another for Website (TSV2), if we are changing the code or the functionality of any these repositories then we have to take permission from the special team that is SVN Rights Team by sending mail requesting for committing the changes is following repositories in a structured format provided.

The training was followed by learning some new concepts like Language Integrated Query (LINQ), jQuery, MVC, AngularJS and NodeJS. The trainer had also explained and taught the basic steps of debugging the code.

The Product Technical Training came to an end on 5 April 2023 after the MCQ Test.

On The Job Training (OJT)

On the Job Training (OJT) was started on 6 April 2023 by Rupesh Korgaukar.

This training was arranged to give work experience, the type of work we will do in the development team and also helps to build confidence in doing tasks.

This training started by introducing how to debug the Stored procedure for a particular functionality in the project. Then the trainer explained about the jira website where the issues are displayed to be solved, it included the ticket number, the issue title, the type of defect, the status of issue (open/in-progress/close), the priority of the issue, Resolution (solved/unsolved), Affected version, fixed version, assignee (the person to whom the issue is assign), Reporter (The one who reports the issue), Technical manager (The manager of assignee), and much more. Then the trainer continued his training by explaining how to debug API code and Website code in the codeflow. The trainer also explained how to upsize the database version. He also had assigned me the daily task to get proper practice.

The On the Job Training (OJT) came to the end on 11 May 2023 and I was assigned to the Development team.

TEAM ASSIGNMENT

Team Assignment was done on 12 May 2023 by the manager Swapnil Kamat after the end of On the Job Training (OJT).

I was assigned to the Rail Development Team. The Team Project Manager Ms. Ritu James and the Team Leader Ms. Amrapali Nayak had given me the opportunity to work in their Rail Development Team.

The Rail Development was based on the Rail Studio Product of ODL. Here at the beginning I was given a course to learn the working of the Rail Studio product and later after completing the course I was assigned to the issues in the product found by the clients while using the product. The moment the issue was assigned to me I had to log the time on jira website for that particular issue to know the amount of time I am spending to solve the particular issue. I even had to submit the daily report at the end of the day mentioning the time spent on each task.

PROBLEM STATEMENT

In the Bootcamp section I was told to create the E-Commerce website which should include the concepts taught like ASP.NET, MVC, SQL Queries, C#, JavaScript, CSS, HTML, and much more. I had created an E-Commerce website named ONLINE STATIONERY STORE using all the concepts covered in bootcamp. It had 3 users Admin, Seller and Customer. The Admin have the option to check the Supplier Details, Product Details, Customer Details and Order Details. The Seller has the option to check his entered products and their product details, to add a new category for his product if it does not exist, to add new products, and also to view and edit the category. The customer has the option to browse the products which are sold by the seller, can view the details of a single product, can search for the product, can view each category of product, can add to cart, can order the products from cart, can check the order history. This website has included all the basic and essential features like SignUp/SignIn as admin or seller or as a customer, Searching, Browsing, adding products to sell by sellers, Adding new categories for new products, Adding to Cart, checking order history and much more.

I was assigned to the following issues in On the Job Training and Development Team:

On the Job Training (OJT):
Issue 1: QATSVTWO-23362
> **Issue:** Search/Select/Create button is not displayed properly under Contract > Supplier Search

Issue 2: QATSVTWO-23286
> **Issue:** Allocation is not released when booking having 'confirmed status' is Canceled.

Issue 3: QATSVTWO-22612
> **Issue:** Agents are not getting Saved under Package>Package Data >Package Allocation

Issue 4: QATSVTWO-21478
> **Issue:** Longreach Release 2020: Cannot book Transfer Service

Issue 5: QATSVTWO-23448
> **Issue:** An error message pops up when the user tries to save the changes of details.

Issue 6: QATSVTWO-23466
> **Issue:** Discount is calculated as zero when applied to a Package Booking

Issue 7: QATSVTWO-23509
> **Issue:** Null response is shown on click of user groups

Issue 8: QATSVTWO-23201
> **Issue:** Longitude 22.9.7 Release : Rooming List details are not displayed hence unable to book the SOB package.

Issue 9: QATSVTWO-23488

> **Issue:** Longitude Release 2023: Receipts export is not working (D365)

Development Team:
Issue 10: QATSVTWO-23136

> **Issue:** Longreach 2020 - under CRM > Passenger Maintenance > Search >Finance tab > Credit Card sub-tab Save button is showing improperly.

Issue 11: QATSVTWO-23455

> **Issue:** Longreach Release 2020: Rail Search results are not displayed for a specific rail search criteria.

Issue 12: QATSVTWO-20869

> **Issue:** Longreach Release: Error while generating receipt from Finance > Batch Receipts Entry.

Issue 13: QATSVTWO-21030

> **Issue:** Longreach Release 2020 - Error popup does not show up when period date range is selected out of the contract date range.

Issue 14: QATSVTWO-22508

> **Issue:** Longreach 2020 - After going back in add new line already approved amounts but not invoiced are showing incorrectly full amount in Total Approved field once clicked on Approve button.

TOOLS AND TECHNOLOGIES USED

Tools:

1. **Microsoft Visual Studio 2013**

Visual Studio 2013 introduces a connected IDE experience. Visual Studio 2013 provides the ideal toolset for building modern applications that leverage the next wave in Windows platform innovation (Windows 8.1), while supporting devices and services across all Microsoft platforms.

Creating websites or services on the Microsoft platform provides you with many options, including ASP.NET WebForms, ASP.NET MVC, WCF or Web API services, etc. In the past, working with each of these approaches in Visual Studio meant working with separate project types and tooling isolated to that specific project's capabilities. The One ASP.NET vision unifies your web project experience in Visual Studio 2013 so that you can create ASP.NET web applications using your preference of ASP.NET component frameworks in a single project. This new unified experience includes the ability to easily create hybrid applications that include improved versions of ASP.NET WebForms, MVC or Web API, all in a single project. Now you can mix and match the right tools for the job within your web projects, giving you increased flexibility and productivity when developing for the web.

2. Microsoft SQL Server Management Studio 18

SQL Server Management Studio (SSMS) is an integrated environment for managing any SQL infrastructure. Use SSMS to access, configure, manage, administer, and develop all components of SQL Server. SSMS provides a single comprehensive utility that combines a broad group of graphical tools with many rich script editors to provide access to SQL Server for developers and database administrators of all skill levels.

2. 1. Microsoft SQL Server Profiler
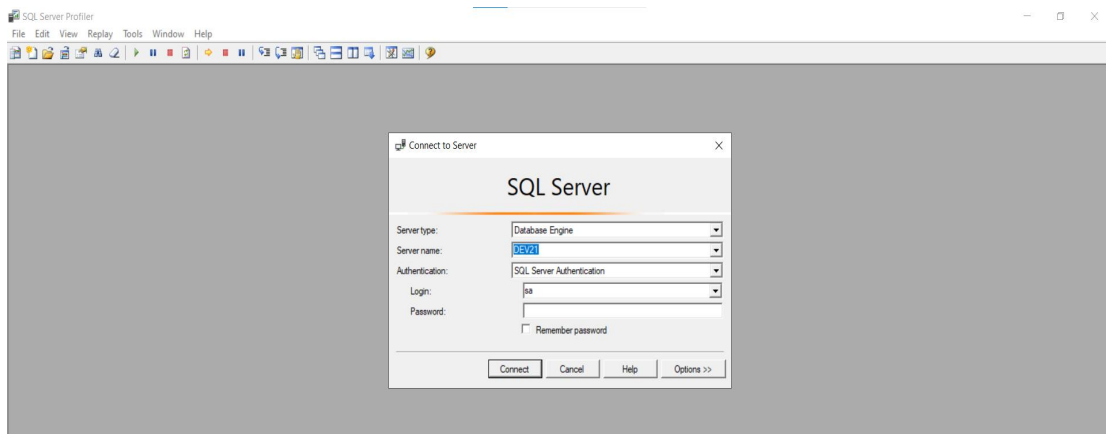
SQL Server Profiler is an interface to create and manage traces and analyze and replay trace results. Events are saved in a trace file that can later be analyzed or used to replay a specific series of steps when diagnosing a problem. Microsoft SQL Server Profiler is a graphical user interface to SQL Trace for monitoring an instance of the Database Engine or Analysis Services. You can capture and save data about each event to a file or table to analyze later.

3. NodeJs

In 2009, NodeJs was developed by Ryan Dahla and the current version of NodeJs is v16.9.0. Node.js is an open-source, cross-platform JavaScript runtime environment and library for running web applications outside the client's browser. NodeJs is built on Google Chrome's V8 engine. The features of NodeJs:

- Asynchronous in Nature and Event driven: The servers made with the NodeJs never waits for the from an API. Without waiting for the data from the API, it directly moves to the next API. So all the APIs of NodeJS are totally non-blocking in nature.
- Single Threaded Architecture: A single threaded architecture is followed by NodeJs and for this architecture makes NodeJs more scalable.
- Compatibility on the cross platforms: Different types of systems like Windows, UNIX, LINUX, MacOS and other mobile devices can use NodeJs.
- Uses JavaScript: it is a very important aspect of NodeJs that this framework uses JavaScript.
- Fast Data Streaming: NodeJs takes a very short amount of time for data processing and it does it at a very fast rate.
- No Buffering: The data is never buffered in NodeJs application.

4. SoapUI 5.7.0

SoapUI is an open-source web service testing application for Simple Object Access Protocol (SOAP) and representational state transfers (REST). Its functionality covers web service inspection, invoking, development, simulation and mocking, functional testing, load and compliance testing.

5. Tortoise SVN

TortoiseSVN is a really easy to use Revision control / version control / source control software for Windows. It is based on Apache Subversion (SVN), TortoiseSVN provides a nice and easy user interface for Subversion. It is developed under the General Public License (GPL). Which means it is completely free for anyone to use, including in a commercial environment, without any restriction.

6. Microsoft Edge

Microsoft Edge is a cross-platform browser developed by Microsoft. Microsoft Edge features are More modern, lightweight, and reduced resource consumption, Support for "inking" or the ability to write on a web page, Support for Firefox and Chrome add-ons, Faster page rendering, Automatic form fill, or autofill, Private browsing, More security features and No longer includes ActiveX.

7. Internet Information Services IIS Manager

Internet Information Services, also known as IIS, is a Microsoft web server that runs on Windows operating system and is used to exchange static and dynamic web content with internet users. IIS can be used to host, deploy, and manage web applications using technologies such as ASP.NET and PHP. IIS uses various protocols for communication and data exchange with remote clients or computers, such as HTTP, SMTP, and FTP. As a core Windows product, IIS comes integrated with Windows Server and runs on Windows OS.

8. Jira

Jira Software launched in 2002 as an issue tracking and project management tool for teams. Since then, 65,000+ companies globally have adopted Jira for its flexibility to support any type of project and extensibility to work with thousands of apps and integrations. Jira Software helps teams across financial services, retail, software, high tech, automotive, non-profit, government, life sciences, and many more verticals stay organized and efficient.

Technologies:

1. **HTML**

HTML stands for HyperText Markup Language. It is a standard markup language for web page creation. It allows the creation and structure of sections, paragraphs, and links using HTML elements (the building blocks of a web page) such as tags and attributes. HTML is not considered a programming language as it can't create dynamic functionality.

2. **CSS**

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs,variations in display for different devices and screen sizes as well as a variety of other effects. CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML

document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

3. **JavaScript**
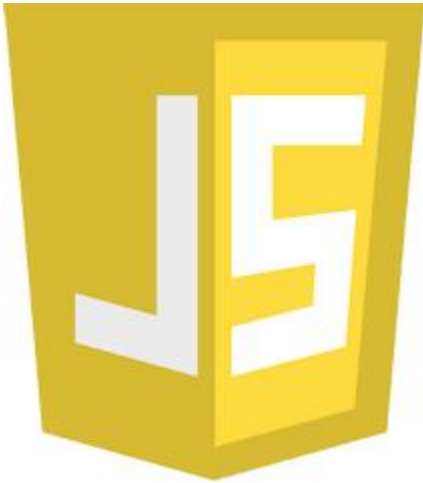
JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.

4. **ASP.NET**

ASP.NET is a web development platform, which provides a programming model, a comprehensive software infrastructure and various services required to build robust web applications for PC, as well as mobile devices. ASP.NET works on top of the HTTP protocol, and uses the HTTP commands and policies to set a browser-to-server bilateral communication and cooperation. ASP.NET is a part of Microsoft .Net platform. ASP.NET applications are compiled codes, written using the extensible and reusable components or objects present in .Net framework. These codes can use the entire hierarchy of classes in the .Net framework. ASP.NET is used to produce interactive, data-driven web applications over the internet. It consists of a large number of controls such as text boxes, buttons, and labels for assembling, configuring, and manipulating code to create HTML pages.

5. C#

C# is a modern, general-purpose, object-oriented programming language developed by Microsoft and approved by European Computer Manufacturers Association (ECMA) and International Standards Organization (ISO). C# is designed for Common Language Infrastructure (CLI), which consists of the executable code and runtime environment that allows use of various high-level languages on different computer platforms and architectures. The following reasons make C# a widely used professional language: It is a modern, general-purpose programming language, It is object oriented, It is component oriented, It is easy to learn, It is a structured language, It produces efficient programs, It can be compiled on a variety of computer platforms, It is a part of .Net Framework.

6. AJAX

AJAX stands for Asynchronous JavaScript and XML. AJAX is a new technique for creating better, faster, and more interactive web applications with the help of XML, HTML, CSS, and Java Script. Ajax uses XHTML for content, CSS for presentation, along with Document Object Model and JavaScript for dynamic content display. With AJAX, when you hit submit, JavaScript will make a request to the server, interpret the results, and update the current screen. In the purest sense, the user would never know that anything was even transmitted to the server. AJAX is a web browser technology independent of web server software. A user can continue to use the application while the client program requests information from the server in the background. Intuitive and natural user interaction. Clicking is not required, mouse movement is a sufficient event trigger.

7. Angular JS

AngularJS is a structural framework for dynamic web applications. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application components clearly and succinctly. Its data binding and dependency injection eliminate much of the code you currently have to write. And it all happens within the browser, making it an ideal partner with any server technology. AngularJS is an efficient framework that can create Rich Internet Applications (RIA). AngularJS provides developers an option to write client side applications using JavaScript in a clean Model View Controller (MVC) way. Applications written in AngularJS are cross-browser compliant. AngularJS automatically handles JavaScript code suitable for each browser. AngularJS is open source, completely free, and used by thousands of developers around the world. Overall, AngularJS is a framework to build large scale, high-performance, and easy-to-maintain web applications.

8. jQuery

jQuery is a fast and concise JavaScript Library created by John Resig in 2006 with a nice motto: Write less, do more. jQuery simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development. jQuery simplifies various tasks of a programmer by writing less code. Features supported by jQuery are:

- DOM manipulation − The jQuery made it easy to select DOM elements, negotiate them and modify their content by using a cross-browser open source selector engine called Sizzle.
- Event handling − The jQuery offers an elegant way to capture a wide variety of events, such as a user clicking on a link, without the need to clutter the HTML code itself with event handlers.
- AJAX Support − The jQuery helps you a lot to develop a responsive and feature rich site using AJAX technology.
- Animations − The jQuery comes with plenty of built-in animation effects which you can use in your websites.
- Lightweight − The jQuery is a very lightweight library
- Cross Browser Support − The jQuery has cross-browser support, and works well in IE 6.0+, FF 2.0+, Safari 3.0+, Chrome and Opera 9.0+

IMAGES

Bootcamp: Online Stationery Store

LOGIN Page

SIGNUP Page

CUSTOMER PAGES:

HOME Page

DETELS Page

ONLINE STATIONERY STORE

Home | LogOut | Cart

Classmate Octane- Blue Ball Pens
by Disha
(21 ratings)

Rs. **96**

Brand: Classmate

Availability: **6999**

Quantity: 1

Classmate Octane Ball- Colour Fest Series comes in 5 attractive body colours, improved & brighter ink shade offering 2 times longer writing length and a smooth writing experience. Make your Smooth Imp

ADD TO CART

CART Page

ONLINE STATIONERY STORE

Welcome Sweta | Home | **LOGOUT** | Cart

Shopping Cart

CONTINUE SHOPPING

Product Name	Product Images	Product Price	Quantity	Total Amount
Pens		20	66	1320
Book		219	500	109500
Book		20	90	1800
CAMPIO Jute Bag File Folders for Certificates		325	1	325

Price Details Price Details

Price (1 item) ₹112945

Delivery Charges free

PROCCEED TO CHECKOUT

Activate Windows
Go to Settings to activate Windows.

ORDER HISTORY Page

ONLINE STATIONERY STORE

Home | Welcome Sweta

Order History

Product Image	Order Date	Order ID	Product Name	Product Price	Product Quantity	Order Status	Total Amount
	20-02-2023 00:00:00	1032	FLAIR Ezee-Click Ball Pens Jar, 25 Pens	198	1	PENDING	198
	20-02-2023 00:00:00	1033	CAMPIO Jute Bag File Folders for Certificates and	325	1	PENDING	325
	20-02-2023 00:00:00	1034	Pens	20	1	PENDING	20

SELLER PAGES:
HOME Page

ONLINE STATIONERY STORE   Welcome Disha   **SIGN OUT**

Home   Add Category   Add Product   View Category

Product Name	Product Description	Product Price	Quantity	Brand	Category	Product Image
Book	Brand Name : Eleven Sheet Size: A5 Total Pages: 192 Use : Office, School and Home	20	80	Classmate	Books	
Pens	Smooth writing with quick drying ink Long writing length of about 800 meters DuraBall pen head for more stable and comfortable writing Push and retractable mechanism to protect the refill Stylish	20	60	Classmate	Pens	
Book	The cover design of the notebook is subject to change, it depends on stock availability Pack Of 4 - Single Line Notebook, 72,Pages, 240 mm x 180 mm Notebooks for every subject for hassle-free note-t	219	465	Classmate	Books	
Shivaay Note Books	Shivaay Note Books Premium Spiral A4 Notebook 500 Pages A4 Register 29.7 x 21 cm Single Line Ruled Spiral Copy Notebook Register for student of School & College Pack Of 1pcs	248	1000	Shivaay Note Books	Books	

ADD CATEGORY Page

ONLINE STATIONERY STORE   Welcome Disha   **SIGN OUT**

Home   Add Category   Add Product   View Category

ADD CATEGORY

Enter Category

Enter Description

ADD CATEGORY

ADD PRODUCT Page

ONLINE STATIONERY STORE   Welcome Disha   **SIGN OUT**

Home   Add Category   Add Product   View Category

ADD PRODUCT

Enter Product Name

Enter Product Description

Choose File   No file chosen

Enter Product Price

Enter Product Stock

VIEW CATEGORY Page

ADMIN PAGES:
HOME Page (SUPPLIER DETAILS)

PRODUCT DETAILS Page

CUSTOMER DETAILS Page

ONLINE STATIONERY STORE   Welcome admin@gmail.com   **SIGN OUT**

Supplier Details   Product Details   Customer Details   Order Details

CUSTOMERID	CUSTOMERNAME	CUSTOMERADDRESS	CUSTOMEREMAILID	CUSTOMERPHONENUMBER	CUSTOMERPASSWORD
3	Sweta	Vasco	sweta@gmail.com	9853235688	sweta1234
4	Radha	Panjim	radha@gmail.com	9853235688	12345
5	Radha	Panjim	radha@gmail.com	9853235688	1234
6	Sham	Verna	sham@gmail.com	9876543423	0000
7	Pranali	Mapusa	pranali@gmail.com	9863216790	1234
8	Risha	Cancona	risha@gmail.com	9853235688	1234
9	Sushmita	Navelim	sushmita@gmail.com	9748753518	1234
10	Disha	Margao	disha@gmail.com	9853235688	1234

ORDER DETAILS Page

ONLINE STATIONERY STORE   Welcome admin@gmail.com   **SIGN OUT**

Supplier Details   Product Details   Customer Details   Order Details

Order Date	Order ID	Product ID	Product Name	Product Images	Product Price	Product Quantity	Total Amount	Order Status
20-02-2023 00:00:00	1032	19	FLAIR Ezee-Click Ball Pens Jar, 25 Pens		198	1	198	PENDING
20-02-2023 00:00:00	1033	29	CAMPIO Jute Bag File Folders for Certificates and		325	1	325	PENDING
20-02-2023 00:00:00	1034	10	Pens		20	1	20	PENDING

Travel Studio Product:
Login Page:
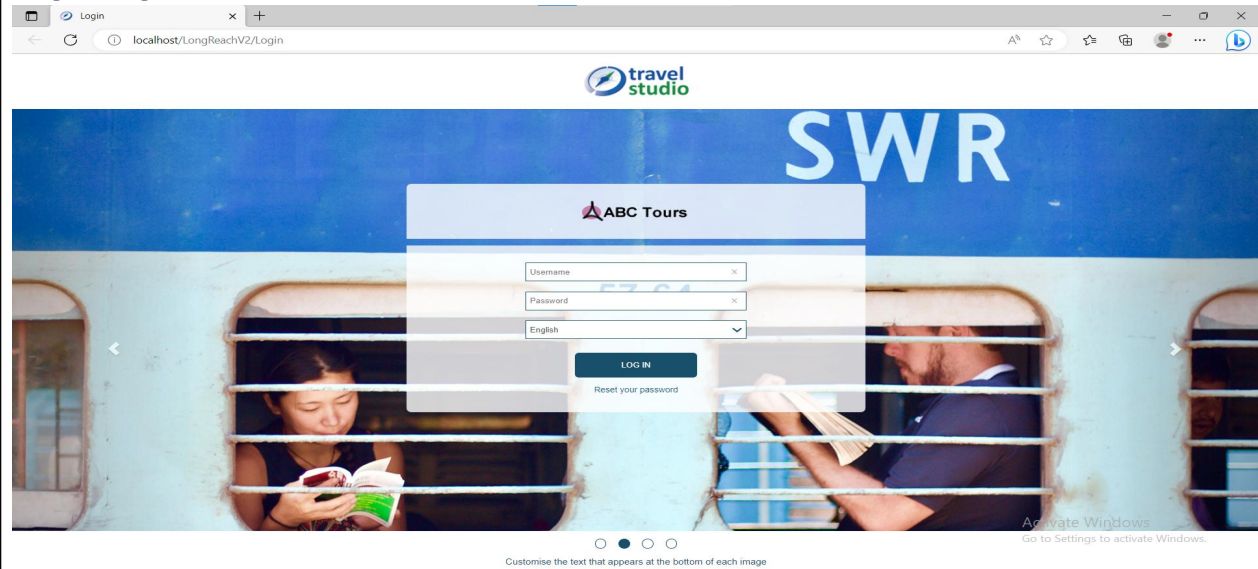
Home Page:
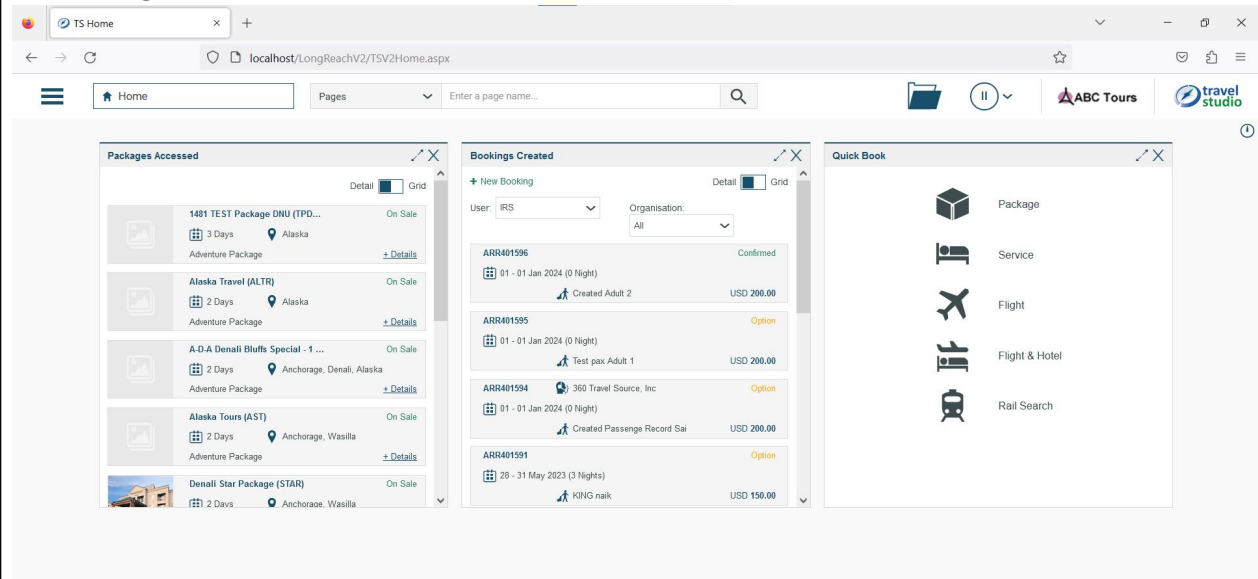
Jira Issue Tickets:

Quality Assurance - Travel Studio (v2) / QATSVTWO-22508

Longreach 2020 - After going back in add new line already approved amounts but not invoiced are showing incorrectly full amount in Total Approved field once clicked on Approve button.

Edit | Comment | Assign | More ▾ | Closed without Fixing | Export ▾

Details

Type:	☒ Regression Defect	Status:	**OPEN** (View Workflow)		
Priority:	☆ 2	Resolution:	Unresolved		
Affects Version/s:	Longreach	Fix Version/s:	None		
Labels:	ARC_Longreach ARC_Release LongReach2020 PurchaseInvoiceCreation				
Defect Severity:	2 - High				
Development Stream:	General				
Defect Type:	CoD-R13: Issue/UI Fix				

Description

Travel Studio v2 code version: 20.11.316.0
Travel Studio database server name: odl-sql-qa
Travel Studio database name: ARC_QA
Travel Studio v2 database version: 20.11.316.0
Travel Studio v1 database version: 420.11.316
HotelAPI database version: 12.01.0

http://172.23.1.8/TravelStudio_ARC_QA/TSV2Home.aspx

Steps tor replicate:
1.Go to Purchase Invoice Creation> enter the supplier> click on Add New line button> search and select 2 lines > Go to details button> click on Edit approve and enter the desired amount and save> click on ok> Click on Close> Check the Net Total.
2. Now click on Add new line and search for new entries> Again select any record and directly click on Approve button> observe the Total Approved.

Issue: After going back in add new line already approved amounts but not invoiced are showing incorrectly full amount in Total Approved field

People

Assignee:	Ritu James
	Assign to me
Reporter:	Dixita Shirodkar
Technical Project Manager:	Ritu James
Related Developer Name:	Gayatri Naik
Related TL/PL:	Amrapali Nayak
Related Technical Project Manager:	Ritu James
Watchers:	2 Start watching this issue

Dates

Created:	30/Dec/22 7:37 AM
Updated:	19/Jan/23 12:15 PM

Time Tracking

Estimated:		1d
Remaining:		2.5h
Logged:		5d 0.5h

Quality Assurance - Travel Studio (v2) / QATSVTWO-21030

Longreach Release 2020 - Error popup does not show up when period date range is selected out of the contract date range.

Edit | Comment | Assign | More ▾ | Closed without Fixing | Development Completed | Export ▾

Details

Type:	☒ Regression Defect	Status:	**IN PROGRESS** (View Workflow)	
Priority:	☆ 2	Resolution:	Unresolved	
Affects Version/s:	Longreach	Fix Version/s:	Longreach	
Labels:	ARC_Longreach ARC_Release Contract			
Defect Severity:	2 - High			
Development Stream:	General			
Defect Type:	CoD-A2: Issue/Incomplete Analysis (Functional)/Scenario not captured in FSD/Analysis/Missed Scenario in FSD			

Description

Travel Studio v2 code version: 20.11.245.0
Travel Studio database server name: odl-sql-qa
Travel Studio database name: ARC_QA
Travel Studio v2 database version: 20.11.245.0
Travel Studio v1 database version: 420.11.245
HotelAPI database version: 12.01.0

http://172.23.1.8/TravelStudio_ARC_QA/TSV2Home.aspx

Steps to replicate:
1. Go to Menu> Product> Contract
2. In Contract Search, search for Contract name as 2022-23 and click on Edit contract
3. Click on add icon under the Contract Period Range and select the From date as 01-Jun-2023, select the season type a Peak> Click on Ok.

Issue: Error popup "Period date range must cover the contract date range" does not show up when period From date is selected out of the

People

Assignee:	Disha Malvanker
Reporter:	Dixita Shirodkar
Technical Project Manager:	Ritu James
Related Developer Name:	Gitesh Naik
Related TL/PL:	Rahul Nagvekar
Related Technical Project Manager:	unknown
Watchers:	2 Stop watching this issue

Dates

Created:	17/Jun/22 12:40 PM
Updated:	Yesterday

Time Tracking

Estimated:		1d
Remaining:		0d
Logged:		6.75d

Quality Assurance - Travel Studio (v2) / QATSVTWO-23362

Search/Select/Create button is not displayed properly under Contract > Supplier Search

✏ Edit   💬 Comment   Assign   More ▾   Closed without Fixing   ↗ ⬇ Export ▾

Details

Type:	☒ Regression Defect	Status:	**CLOSED** (View Workflow)
Priority:	⩔ 3	Resolution:	Completed
Affects Version/s:	None	Fix Version/s:	Arequipa-Jul20
Labels:	Contract RS_ArequipaRelease2023		
Defect Severity:	3 - Medium		
Development Stream:	General		
Defect Type:	CoD-R13: Issue/UI Fix		

Description

Travel Studio v2 code version:	20.4.196.0
Travel Studio database server name:	odl-test-qa\sql2019
Travel Studio database name:	RS_PRODQA_APRIL23
Travel Studio v2 database version:	20.4.196.0
Travel Studio v1 database version:	420.4.196
HotelAPI database version:	12.01.0

Steps

1.Go to Contract >Supplier

2.Click on box besides Supplier

3.Search/Select/Create button is not displayed properly under Contract > Supplier Search

4.Expand Date Selection,Address Search and try to scroll down

People

Assignee:	● Shivangi Vakkund
	Assign to me
Reporter:	● Shivangi Vakkund
Technical Project Manager:	Sameera Vadakel
Related Developer Name:	unknown
Related TL/PL:	unknown
Related Technical Project Manager:	unknown
Watchers:	② Start watching this issue

Dates

Created:	18/Apr/23 1:22 PM
Updated:	28/Apr/23 2:13 PM
Resolved:	28/Apr/23 9:26 AM

Time Tracking   ＋

Estimated:	▬▬▬▬	1d
Remaining:	▬▬▬▬	0d
Logged:	▬▬▬▬	5.25h

COURSE COMPLETED UNDER INTERNSHIP AND SELF STUDY

Rail Module Basics Course

Rail Module Basics course focuses on Setup Rail Module functionality, Create Data for Rail Service, Create Rail Services,Significance of Rail Manager including Routes and Timetable management, Allocations, Departure, Seat Assignments etc. and Converting Rail Service into Booking. The advantages of the Rail module are Handling of Rail business in Travel Studio and Ability to manage Trains, Routes, Seat Assignment, Bookings, Ticket issuance and generation of reports in Rail Manager.It include 6 lessons and 13 topics along with 4 quizzes and at the end of the course there is an assignment to be solved and submitted based on the course content.

SUMMARY

My internship at Open Destinations Company was a valuable learning experience. I was able to develop new skills and gain practical experience in the field of software development. I had also gained the best training from the trainers, the good working environment, and also had a chance to meet many people who had very good skills in their job roles and also a supporting development team. Overall, my internship in Open Destinations has been a very good opportunity to gain knowledge and to make my skills better. I am grateful for the opportunity to complete my internship at such a successful and dynamic company.

INTERNSHIP TIMELINE

Task	Start Date	End Date	No. of Days
Introduction	01 February 2023	01 February 2023	01 Day
Bootcamp	01 February 2023	21 February 2023	21 Days
Product Training	22 February 2023	7 March 2023	17 Days
Break from Training/ Revision Period	8 March 2023	14 March 2023	7 Days
Product Technical Training	15 March 2023	5 April 2023	22 Days
On the Job Training (OJT)	6 April 2023	11 May 2023	36 Days
Team Assignment	12 May 2023	12 May 2023	01 Day
Development Team (Rail Dev)	12 May 2023	Till Date	

MY EXPERIENCE OF INTERNSHIP

I had joined as a Jr. Software Developer in the Open Destinations, I was very pleased to be a part of such a reputed, well maintained and disciplined workplace. I never had any knowledge or experience of working in any organization. It was completely new to me after coming out of the student life, this was one of the best experiences of my life to work with the wonderful people with full professionalism, friendliness and helpful nature in the organization. I got good training from the trainers. The very first I had gone through Bootcamp recollecting the basic and important concepts required. Then I was able to move forward for the first training that is product training where I had got the overview of how to install the product and how the product works then I went through other phase of training that is product technical training where I had got the brief knowledge about the technologies used in coding the product and lastly the final training that was on the job training where I was given an experience of working in the development team. All training had its importance and I managed to complete all the training by gaining important knowledge from all the training sections and now I am a part of the rail development team. The team consists of one project team manager, one team leader and many team members where I have been assigned to solve issues and fix the issues in the product using all the knowledge gained in the training, and after issue is fixed we have a code review on the issue and how it is fixed and after that we need to commit all the changes made on the main branch. Overall the experience was very good, I liked working in this company and I am very happy to be part of such a wonderful company.

REFERENCES

www.opendestinations.com
www.tutorialspoint.com
www.w3schools.com
https://en.wikipedia.org/wiki/Version_control

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