

# **INTERNSHIP REPORT**

YASH KALIDAS KURDIKAR

2032

Helix Tech Info Systems Pvt. Ltd.

Goa University

# REPORT OF INTERNSHIP DONE AT HELIX TECH INFO SYSTEMS PVT. LTD.

SUBMITTED BY:

# YASH KALIDAS KURDIKAR

2032

UNDER THE GUIDANCE OF

Mr. Rudresh Gawas
(Senior Software Developer, Helix tech)

Mr. Niranjan Naik (CTO, Helix Tech)

## INTERNSHIP CERTIFICATE

## Helix Tech

Date: 02<sup>nd</sup> June 2023

#### To Whomsoever It May Concern

Dear Sir/Ma'am,

It is our pleasure to write about Mr. Yash Kurdikar, who has worked with Helix Techin Info Systems Pvt. Ltd. (hereinafter referred to as "HELIX") in the capacity of Software Developer Intern – PHP from 02/01/2023 – till date.

During the aforementioned tenure of his work here, Mr. Yash remained involved in his work with determination and sincerity. We found him active and competent in executing all assigned tasks.

Sincerely,

Ms. Valzera Rodrigues Sr.HR/Admin Executive

Helix TechIN Info Systems PvI. LId CIN: U7230CGA2014PTC007419

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# Goa University



### **GOA BUSINESS SCHOOL**

### CERTIFICATE OF EVALUATION

This is to certify that Mr. Yash K. Kurdikar has been evaluated for the project work titled "Report of Internship done at Helix Tech Info Systems Pvt Ltd." undertaken

Helix Tech Info Systems Pvt Ltd, Porvorim, Goa in partial fulfillment for the awardof the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University
Date: 11th June 2023

Dean, GBS, Goa University

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# Acknowledgement

Being an intern at a company is a fantastic opportunity for learning and personal growth, especially since I have so many excellent people guiding me throughout this time. Without expressing my gratitude and admiration to everyone who made the internship possible, it wouldn't be complete. I would like to thank Mr. Kunal Kerkar (CEO, Helix Tech) for giving me the opportunity to intern at Helix Tech.

My sincerest gratitude to Mr. Niranjan Naik (CTO, Helix Tech), Mr. Saish Shinde (Senior Software Developer, Helix Tech) and Mr. Manoj K (Senior Software Developer, Helix Tech) for being my mentor and giving me the necessary guidance and support.

I would like to extend my gratitude to Ms. Valzera Rodrigues (HR, Helix Tech) for always helping me out whenever I was in need.

I would like to thank Mr.Ramrao Wagh (PD,MCA,Goa University), Mr. S Baskar (Prof, MCA, Goa University), Mr. Ramdas Karmali (Prof. and TPO,MCA, Goa Business School, Goa University), Mr. Jarret Stevan Anthony Fernandes (AssistantProf, MCA, Goa Business School, Goa University) and all the faculty of MCA, Goa University for their constant encouragement and support during the project work.

I want to express my gratitude to my family and friends for their assistance and for always being there for me during my internship.

Finally, I want to express my gratitude to the Helix Tech family for always being there to support and mentor me. They have changed me into a brand-new individual who is prepared to take on any difficulties that come my way.

- Yash Kurdikar



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YASH KALIDAS

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- Yash Kurdikar

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## Introduction

This report provides a brief overview of my software development internship with Helix Tech. On January 2, 2023, I began working as an intern at Helix Tech, and I have been with them ever since.

This report includes the pertinent details about the company, the projects and side projects I worked on, as well as the additional duties and specialised training I finished during this internship.

I'll discuss the business, the job market, the environment, the culture, and other topics in the chapters that will come. I'll go into more detail about the projects I worked on after giving a brief overview of them, along with information on the modules I built and the tasks I accomplished in those modules. This report shows the knowledge I gained and the things I did as an intern to help the company.

# **Company Profile**

In 2013, when the Indian start-ups had just started gaining momentum & Smartphones were picking up faster than ever, two new IT graduates started building mobile apps, making the most of this wave. Five years since and they've consulted close to 500+ Apps for over 100 clients across 6 continents. Their goal is simple – Amaze our clients by delivering high quality software which run smoothly, strategically & predictably.

Today, Helix Tech is an award winning mobile first technology partner to big and small entities, providing them end-to-end turnkey software solutions. It's voted as the company of the year by CIO review & has ranked among the top 30 companies to watch out for by Silicon Review.

They're running a non-profit initiative called HT for STUDENTS, where they educate along with their commitment towards being a practice school station for BITS. It comprises of training students in app development every summer at their HQ in Goa.

### App Strategy

They help you see beyond your horizons & that's the pinnacle of their product design at Helix Tech. They've planned, developed & successfully launched hundreds of apps from scratch. They dig deep into your business model, consumer challenges, and positioning to help you create a product that produces unique value. Their goal is always to convert your vision into reality in the most engaging way to ensure your customers are experiencing the best.

#### Mobile Design

Turning ideas into visually polished and smooth mobile apps comes as second nature to them. With their deep expertise in design and technology, they understand how to achieve your strategic goals. Their designers have mastered the art of delivering delightful products with exceptional interactions and seamless experience.

### App Development

They bring the best mobile experiences by hiring the best talent that they can find. This way, when they put them together in a team, it results in an atmosphere where with different perspectives and challenges, everyone learns swiftly to deploy customized solutions for every project. Each project ensures personal development as well as the capability of the team.

### Mobile Marketing

No matter what platform your users are on, their apps are carefully crafted to give your users a remarkable experience. This is a result of endless hours spent on product strategy, design and the functionality of your mobile app. Their apps are beautifully engineered which deliver measurable business outcomes.

### App Support

At Helix Tech, they understand how important it is for a business to have an app that runs smoothly and in an expected manner, so they provide full support through our highly qualified and trained team.

Once the app has launched, it needs constant monitoring and updating. They offer 4 different support plans to choose from via which they analyse problems and solve them for a glitch free experience.

# **Project - 1**

## **Problem Statement**

### 1) Reports (Module)

Make changes in already created Report Creation file of SKU Level Report, Store Level Report, SKU Retailer Level Report, Stoe X Brand Level Report.

- a) SKU Level Report
- b) Store Level Report
- c) SKU Retailer Level Report
- d) Store X Brand Level Report

# **Tools and Technologies used**

- Visual Studio Code
- FileZilla Client
- Chrome Browser
- Navicat for MySQL

# **My Contributions**

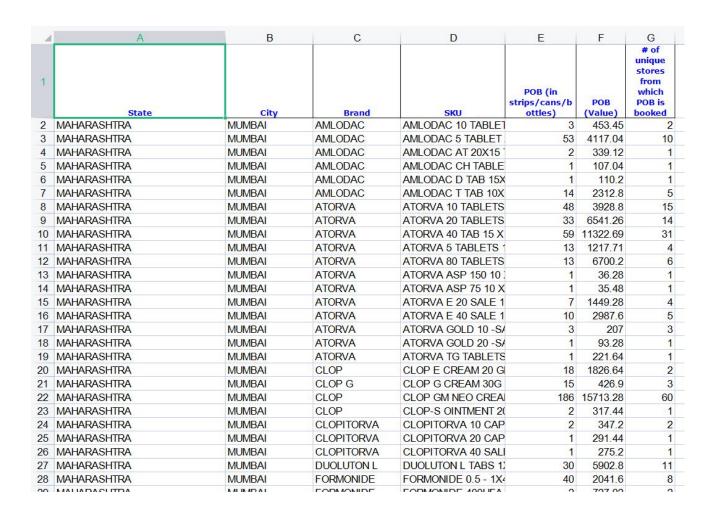
## 1) Report (module)

Added the code in already created Report Creation file of SKU Level Report, Store Level Report, SKU Retailer Level Report, Store X Brand Level Report to take the required data from frontend that is Division, Role, Username, From date and To date and passing user id in main query to fetch data of that user And finally showing this data in the XL file.

### **Screenshots**

#### 1) SKU Level Report





# 2) Store Level Report



### 3) SKU Retailer Level Report



## 4) Store X Brand Level Report



# **Project - 2**

### **Problem Statement**

### 1) Reports (Module)

- a) Create a new Customer Visit Summary report with search criteria as division, role, territory, from date and to date. Should be able to generate the report & download in XL file. Write a new Query for the report generation.
- b) Create a new Daily Report Register with search criteria as division, role, territory, from date and to date. Should be able to generate the report & download in XL file. Write a new Query for the report generation
- c) Create a new DCR Compliance Report report with search criteria as division, profile, role, user, from date and to date. Should be able to generate the report & download in XL file. Write a new Query for the report generation.
- d)Create a new Deviation Analysis Report with search criteria as division, role, username, from date and to date. Should be able to generate the report & download in XL file. Write a new Query for the report generation.
- e)Create a new Stockist Detail Report report with search criteria as division, role, username.Should be able to generate the XL file.Write a new Query for the report generation.

# **Tools and Technologies used**

- Visual Studio Code
- FileZilla Client
- Chrome Browser
- Navicat for MySQL

# **My Contributions**

- Customer Visit Summary
  - a. Created new pages custvisit\_hosp.php ,custvisitsearch\_hosp.html and custvisitoutput hosp.html
  - b. Integrated the fields required to fetch report.

- c. Created new page CreateXLcustvisit\_hosp.php for report Generation in XL format.
- d. Wrote a new SQL query for report

### • Daily Report Register

- a. Created new pages hosp\_dailyreport.php, hosp\_dailyreportoutput.html and hosp\_dailyreportsearch.html.
- b. Integrated the fields required to fetch report.
- c. Created new page hosp\_CreateXLdailyreport.php for report Generation in XL forrmat.
- d. Wrote a new SQL query for report Generation.

### • DCR Compliance Report

- a. Created new pages Listviewsearchreport\_hosp.php and ListViewSearchFormreport\_hosp.html
- b. Integrated the fields required to fetch report.
- c. Created new page CreateXLdcrsubmissioncontrolsheet\_hosp.php for report generation in XL format.
- d. Wrote a new SQL query for report Generation.

### • Deviation Analysis Report

a.Created new pages

hosp\_deviationanalyses.php,hosp\_deviationanalysessearch.html and hosp\_deviationanalysesoutput.html.

- b. Integrated the fields required to fetch report.
- c. Created new page hosp\_CreateXLdeviationanalyses.php for report Generation in XL format
- d. Wrote a new SQL query for report Generation.

### • Stockist Detail Report

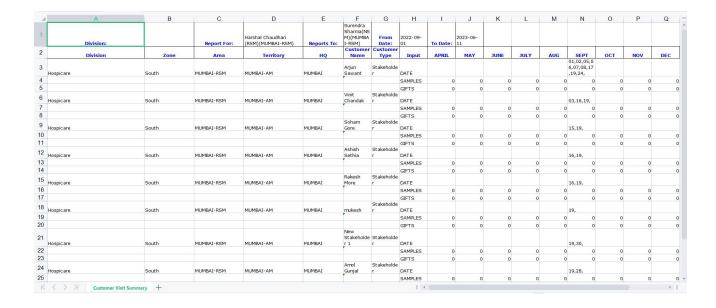
- a. Created a new pages hosp\_stockistdetails.php and hosp\_stockistdetailssearch\_report.html.
- b. Integrated the fields required to fetch report.
- c. Created new page CreateXLstockistreport.php for report Generation in XL format.
- d. Wrote a new SQL query for report Generation.

### **Screenshots**

# **Reports (Module)**

# 1) Customer Visit Summary

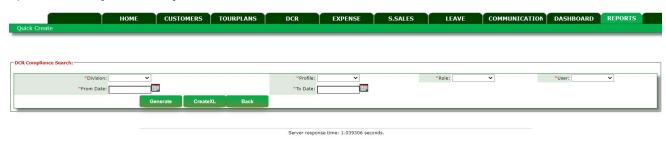




### 2) Daily Report Register



### 3) DCR Compliance Report



### 4) Deviation Analysis Report



### 5) Stockist Detail Report



# **Project - 3**

### **Problem Statement**

### 1) Request (Module)

- a) Create a new field as PMS in the Activity dropdown of the home page
- b) It should show the PMS default listing of thecurrent month & should also be able to search for the listing on the basis of dates or application number
- c) Vendor code textbox should be placed & once the data is entered, it should get stored in the new table to be created

### 2) Reports (Module)

a) Create a new PCS PMS Report with search criteria as division, from date and to date. Should be able to generate CSV file. Write a new Query for the report generation.

# **Tools and Technologies used**

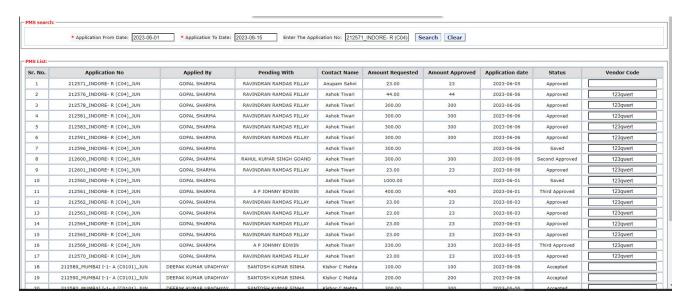
- Visual Studio Code
- FileZilla Client
- Chrome Browser
- Navicat for MySQL

# **My Contributions**

- 1) Added search criteria Application from date, Application to date & Application Number. Wrote the query & integrated the fields required to fetch listing.
- 2) Added search criteria division, from date, to dat & create csv button. Integrated the fields required to fetch report. Wrote a new SQL query for report Generation.

### **Screenshots**

### 1) Request (Module)



### 2) Reports (Module)



# **Tools and Technologies used**



### **Visual Studio Code**

Visual Studio Code is a code editor redefined and optimized for building and debugging modern web and cloud applications



#### FileZilla Client

FileZilla is one of the most popular FTP clients. The main purpose of Filezilla is to make it easy for you to upload and download files from your web hosting server.



### MySQL Workbench

MySQL Workbench is a unified visual database designing or graphical user interface tool used for working with database architects, developers, and Database Administrators.

full-featured web applications.



### **Sql Developer**

Oracle SQL Developer is a free, integrated development environment that simplifies the development and management of Oracle Database in both traditional and Cloud deployments



### **XAMPP**

XAMPP is the most popular PHP development environment. XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl.



# **Navicat for MySQL**

Navicat for MySQL is the ideal solution for MySQL/MariaDB administration and development. It is a single application that allows you to connect to MySQL and MariaDB databases simultaneously. Compatible with cloud databases like Amazon RDS, Amazon Aurora, Oracle Cloud, Google Cloud and Microsoft Azure. This all-inclusive frontend provides an intuitive and powerful graphical interface for database management, development, and maintenance.

# **Internship Timeline**

### January 2023

#### Week 1:

- 1. Formal Orientation and on boarding process
- 2. Started Learning HTML, CSS,

### Week 2:

1. Learnt Javascript, JQuery, SQL Queries.

#### Week 3:

1. Learnt PHP

#### Week 4:

1. Learnt PHP

### February 2023

#### Week 1:

1. Test Involving HTML, CSS, Bootstrap, Javascript and PHP

### Week 2:

1. Test Involving HTML, CSS, Bootstrap, Javascript and PHP

### Week 3:

1.Test Involving Javascript and PHP

#### Week 4:

- 1. Created SKU level report Project 1
- 2. Created Store Level report Project 1

### March 2023

#### Week 1:

- 1. Created Store X Brand Level Report Project 1
- 2. Created SKU Retailer Level Report Project 1

### Week 2:

1. Created Customer Visit Summary Report Project - 2

#### Week 3:

1. Created Customer Daily Report Register Project - 2

### Week 4:

1. Created DCR Compliance Report Project - 2

### April 2023

#### Week 1:

1. Angular Sales App Training

### Week 2:

1. Angular Sales App Training

### Week 3:

1. Created Deviation Analysis Report Project - 2

### Week 4:

2. Created Stockist Detail Report Project - 2

### May 2023

### Week 1:

1. Issue fixing in the Customer Visit Summary Report & Customer Daily Report Register.

### Week 2:

1. Issue fixing in the DCR Compliance Report.

## Week 3:

1. Created new field PMS in the Activity dropdown project - 3

# Week 4:

1. Created PCS PMS Report project - 3

### **June 2023**

# Week 1:

1. Unit testing & Issue Fixing

# My reflections/ experiences of internship.

My experience as an intern with Helix Tech has been fantastic and educational. Here at HelixTech, dealing with fresh difficulties every day is the norm.

Here, employees are encouraged to have an unquenchable thirst for knowledge. Working on real projects in the real world is not something one learns, but rather experiences.

I was never limited to only my project team at Helix Tech. I was given the flexibility to speak with, consult with, look to for advice from, etc., any coworker.

Overall, I'm thrilled to be working with Helix Tech.

# References

- 1)en.wikipedia.org 2)https://www,w3schools.com/ 3)https://www.youtube.com/