

Question Paper Delivery

Online question paper delivery refers to the process of distributing examination materials, such as question papers or test papers, through digital means. Instead of physically handing out question papers, universities or educational institutions use UNIAPPS online QPD to deliver these question papers to the exam centers/colleges/ Institutes.

The process involves uploading the question paper onto a secured central server and is accessible only to authorized individuals, such as department heads, professors, administrators and authorized officials.

Online question paper delivery offers several advantages:

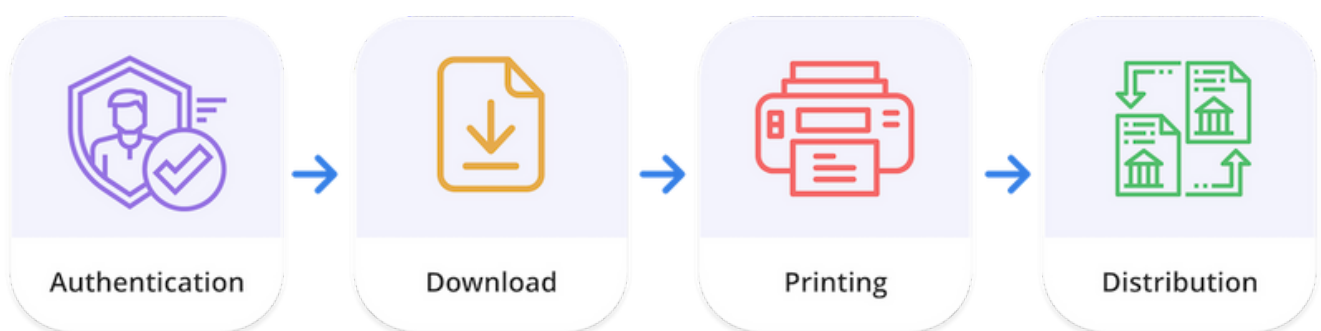
Security: The platform is encryption and secure access protocols to prevent unauthorized access or tampering with question paper.

Efficiency: It streamlines the process of distributing papers, reduces paper usage, and allows for quicker dissemination of updates or changes to exam content.

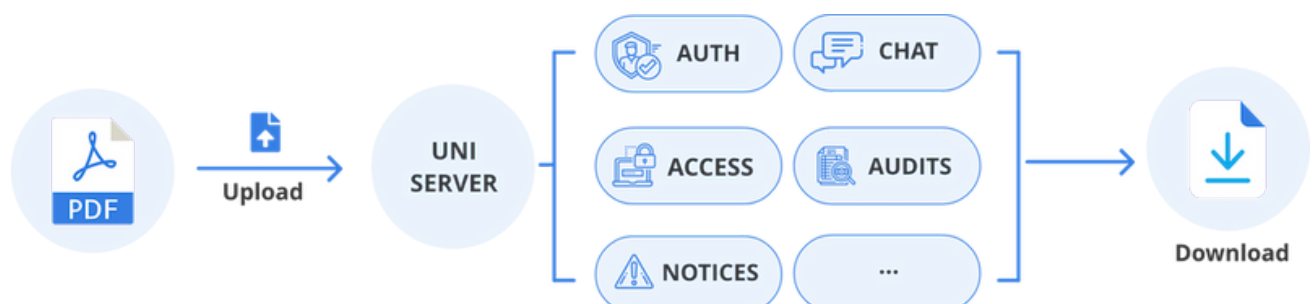
Access Control: Only eligible officials with proper authentication can access the question paper, maintaining fairness and confidentiality.

Our Solution

Online QPD - Colleges



Online QPD - Colleges



Features

- Two-factor authentication (OTP), biometric authentication (face recognition, fingerprint recognition)
- IP restrictions
- Watermarking of downloaded question papers
- Access control of question papers
- Live & deferred audits from logs
- Question paper correction notices to colleges
- In-built group chat

Functions

Various components.

- Online Question Paper Delivery System Architecture
- User Management
- Gives a facility to create and manage client users.
- The host can view/update personal information of each client.
- The host can also reset the passwords of each host.

Group Management

- Organize your users into groups.
- We can create new groups.
- Also, we can add/remove members from each group at ease.

Document Upload/Download

- Upload documents to the any of the group.
- Multiple question paper sets can be uploaded.
- Facility to select random question paper while sending to the college.

Watermarking/secret code while printing.

- The system lets you select a group and upload documents to it. Each member of the group then can view and download the document.

Client Module

- The Client can view notices after logging in.
- The Client can then download all the documents that are available to him.

Security Features

Browser Lock.

The web-link will open-up only on our browser that is installed and is locked with a registration key. Thus we lock the computer with the user name for downloading.

IPbased authentication.

The login page is available only to valid IP addresses.

Only IP addresses that are white listed by us are allowed to login. All other IPs are blocked. This ensures that no physical installation is required at the client side.

Face Recognition

Face recognition can be enabled as an Main feature for fool proof-ness.

It add an extra layer of security for the user to download question paper with the valid and authenticated registered face.

System Admins face is captured and saved on the system. When the person logs in his photograph is clicked and only if it matches with the photo graph present with us , the person is able to login. His present photo is saved in the system.

Watermarking/secret code while printing.

Every question paper has a random unique secret code/watermark which enables the admin to trace the time, place and date of question paper being downloaded.

This watermarking helps us in tracking the culprit in case there is leakage of question paper.

Multiple question paper sets can be uploaded.

We can upload multiple question paper sets of same subjects. And the system at the time of delivery picks any one set randomly before sending.

The other sets are saved in our question bank.

Logs

Powerful and in-depth logs are maintained by the system to keep a check on its usage.

Few of the most important features of the Log:

a) Login time and date.

b) Document download details which include:

Downloaded by date/time Security

TP Login Passwords on SMS.

One Time Passwords for each session on login on registered mobile phone. This is the same security level as provided by banks for online access to accounts.

Use of BCrypt Library for Passwords:

BCrypt is an extremely secure way of saving passwords. For more details about BCrypt library please refer to the link <http://en.wikipedia.org/wiki/Bcrypt>.