

Final Year Project Synopsis

Topic Name: e-DocPrint ~ *Web App for Xerox and Prints*

Team Members

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Abstract

Developing an Web/Mobile Application for various stationary related needs at our nearby store. Our portal would mainly focus on xerox and printing related needs.

Users will be able to upload the documents they want to get printed and once they visit the shop, and tell the otp, the prints will be available.

Users will be able to make online payment on the portal itself. The money will be on hold only after the prints are done will be credited to shopkeepers account.

Shopkeepers will be able to change rates, upload frequently needed documents, Check Reports and Analytics, Maintain Transaction logs.

Admin of the portal will have superuser access. Deleting or suspending users or shopkeepers involved in malpractices and other admin level permissions.

Various more features can be added to this project during the timeline.

Features

- **Authentication**
 - Email
 - Phone Number + OTP

- Social (Google)
- **Database Integration**
 - Cloud Database
- **Three different types of account**
 - Customer
 - Shopkeeper
 - Admin
- **Secure Documents**
 - Confidentiality
- **Cloud Storage for Documents**
 - AWS S3 storage
- **OTP based file access**
 - Passwords to access files. Increasing Confidentiality and Integrity.
- **Payment Integration**
 - Razorpay
 - Stripe, etc
- **Reports and Analytics**
 - Monthly, Weekly Sales
 - Profit made
- **Transaction Logs**
 - Maintaining logs for transactions and purchases

Technologies

- **Frontend** - HTML, CSS, JavaScript, CSS Frameworks (Bootstrap, Tailwind), JavaScript Libraries (jQuery), chart.js
- **Backend** - Python, Django, Rest Framework (APIs)
- **Database** - SQL (PostgreSQL, MySQL, etc.) NoSQL (Firebase)
- **Cloud Storage** - AWS S3 Storage

- **APIs** - Auth (Google), Payment, etc.

Advantages

- No hassle of sending documents to someone.
- Secure way of sending documents and getting it printed.
- Online payments. Cashless transaction

Disadvantages

- Network issue may cause problem while using the Web App

Future Scope

- Developing an Android Application for the same

Conclusion

Thus, we are planning on creating e-DocPrint, a Web App, which will prove useful for ease of printing documents. This web app would be beneficial for all the Xerox shopkeepers as well as their customers to keep a record of their documents, payment history, printing history etc.