

**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CS65: MINI PROJECT WORK
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MINI PROJECT

Edurity: Blockchain Technology to secure digital records.

Submitted to
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Signature of the Guide

DESIGN

1. Introduction

A design is a plan or specification for the construction of an object or system or for the implementation of an activity or process or the result of that plan or specification in the form of a prototype, product, or process. In this document we discuss the architecture used, the initial user interface conceived and the low level flow charts in a detailed manner giving a good overview and insight into the possible design of our proposed solution.

2. Architecture Design

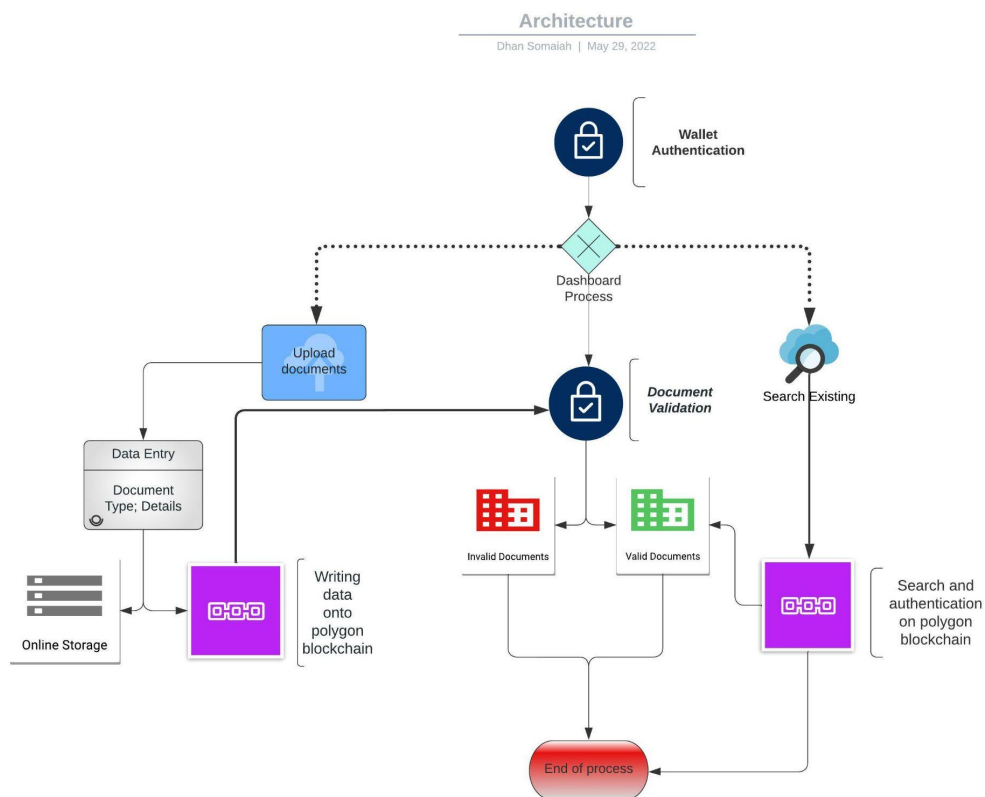


Fig 2.1

This describes the architecture design of our solution. The structured approach is chosen as the architecture for our solution

3. User Interface Design

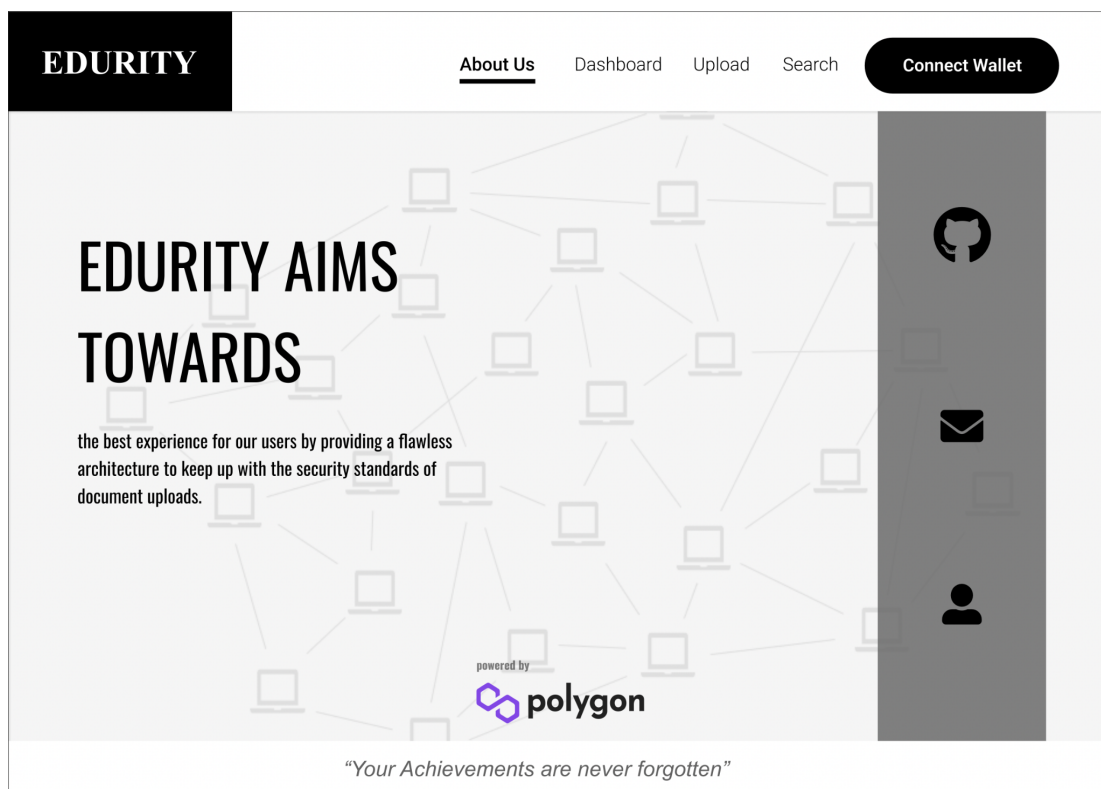


Fig 3.1

This is the landing page of the application. Here the user can choose various options like dashboard, upload, search and also contact us.

EDURITY

[About Us](#)[Dashboard](#)[Upload](#)[Search](#)

0xe3a...34

Name	Txn ID	Status	Actions
SSLC 2016	0x2e3...34	Pending	
PUC 2019	0xaa5...11	Verified	
Pan Card	0xe33...11	Redacted	

"Your Achievements are never forgotten"

Fig 3.2

This is the user dashboard in which a user can view information about his records and their status. He can also access the transaction information and redact his record

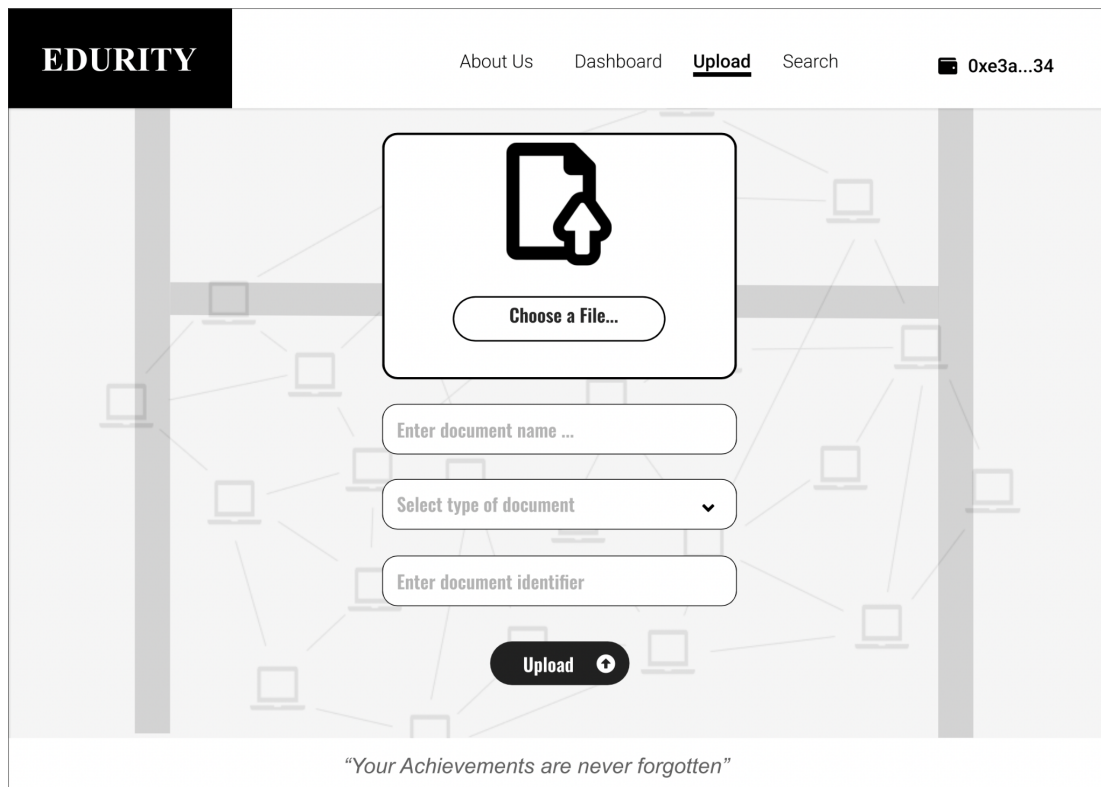


Fig 3.3

This is the upload file page where the user can upload a document to the application and request for verification

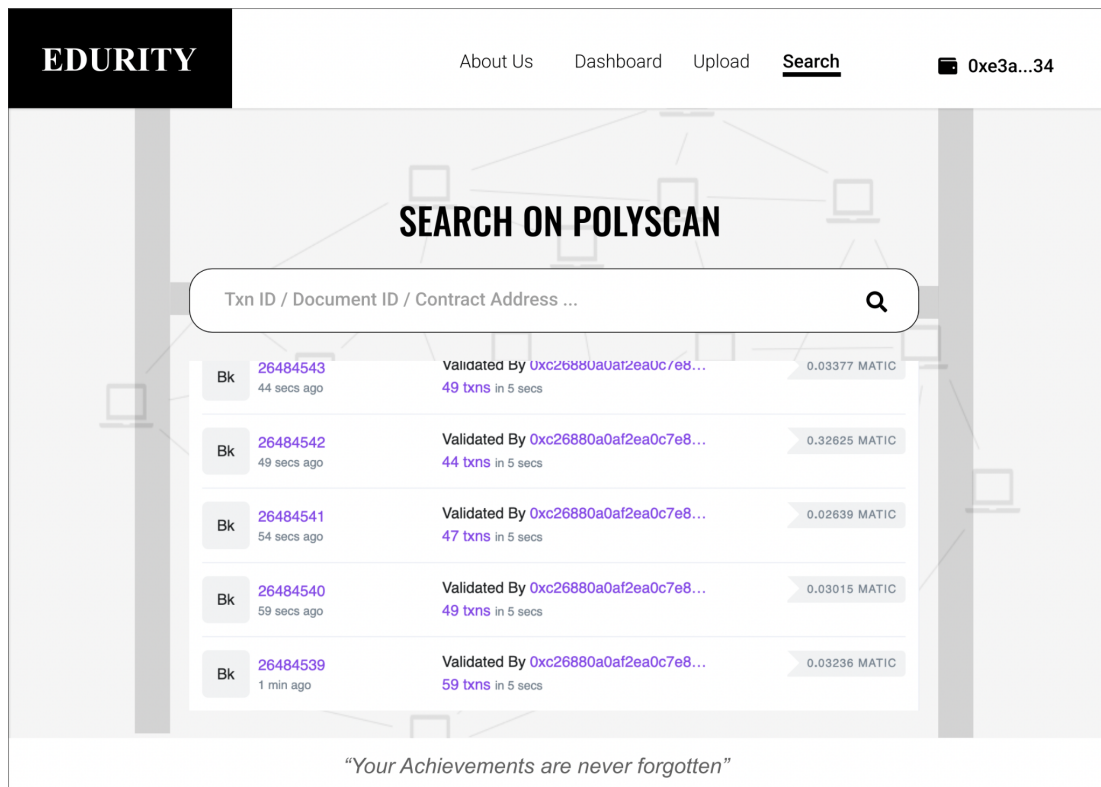


Fig 3.4

This is the search page which allows users to search the application for records, their status, corresponding transactions and so on.

4. Low Level Design

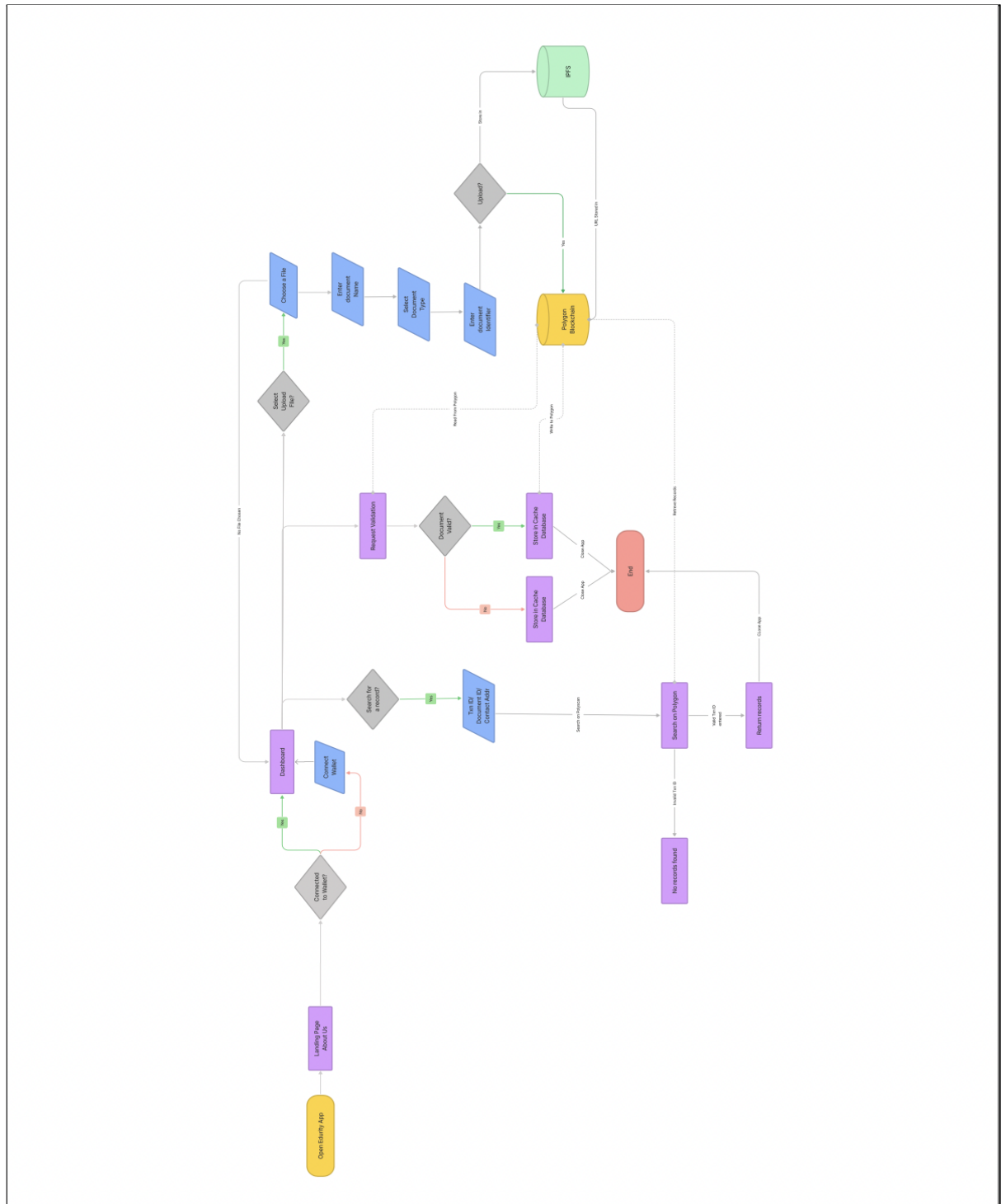


Fig 4.1

This is the low level flow of our application which takes into consideration all the use cases as described in the use case description

5. Conclusion

To conclude we have described multiple views of our solution with the help of architecture, user interface and low level designs. This gives an overall insight into the solution provided. All details, use cases and possible outcomes are taken into consideration and this initial plan is proposed.