FILE DISTRIBUTION PORTAL

UTTARANCHAL UNIVERSITY

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USCS

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INTRODUCTION

In an era where information flows at unprecedented speeds, the need for a centralized, efficient, and secure platform to distribute files is paramount.

Our File Distribution Portal project aims to revolutionize the way individuals, teams, and organizations handle the distribution and collaboration of digital files.

This project addresses these pain points head-on, providing a centralized hub for file management, collaboration, and secure distribution.

Our File Distribution Portal serves as a robust and user-friendly solution, designed to streamline the process of sharing files among individuals, teams, and organizations.

OBJECTIVE

The objectives of a **File Distribution Portal** project revolve around creating a robust platform that addresses key challenges in file sharing, enhances collaboration, and ensures the secure and efficient distribution of digital assets.

Here are some specific objectives for a project:

- Seamless File Sharing
- Robust File Management
- Security and Data Protection
- Feedback and Continuous Improvement
- Scalability

HARDWARE AND SOFTWARE REQUIREMENT

- HARDWARE USED

  PROCESSOR:

  RAM:

  SYSTEM TYPE:

- SOFTWARE USED

  WINDOWS EDITION:

  VERSION:

TECHNOLOGIES USED

- FRONTEND: HTML, CSS, JAVASCRIPT
- BACKEND: MY SQL DATABASE
- IDE: VISUAL STUDIO CODE

SOFTWARE REQUIREMENT SPECIFICATION

- A Software Requirements Specification (SRS) document serves as a blueprint for the development of a software system, providing a detailed description of its functionalities, features, and constraints.
- Here are the two software requirements:

  Functional Requirement:

  1. File upload and download capabilities.
  2. File Sharing and collaboration.
  3. User Authentication and Authorization.

  Non-Functional Requirement:

  1. Performance Requirement.
  2. Security Requirement.
  3. Scalability Requirement.

FEASIBILITY

A feasibility study for a File Distribution Portal project involves a comprehensive analysis of various aspects to determine the practicality, viability, and potential success of the project.

The main objective of the feasibility study is to test the:

1.Technical

2.Operational

3.Economical feasibility

for adding new modules and debugging old running systems.

PROJECT PLANNING

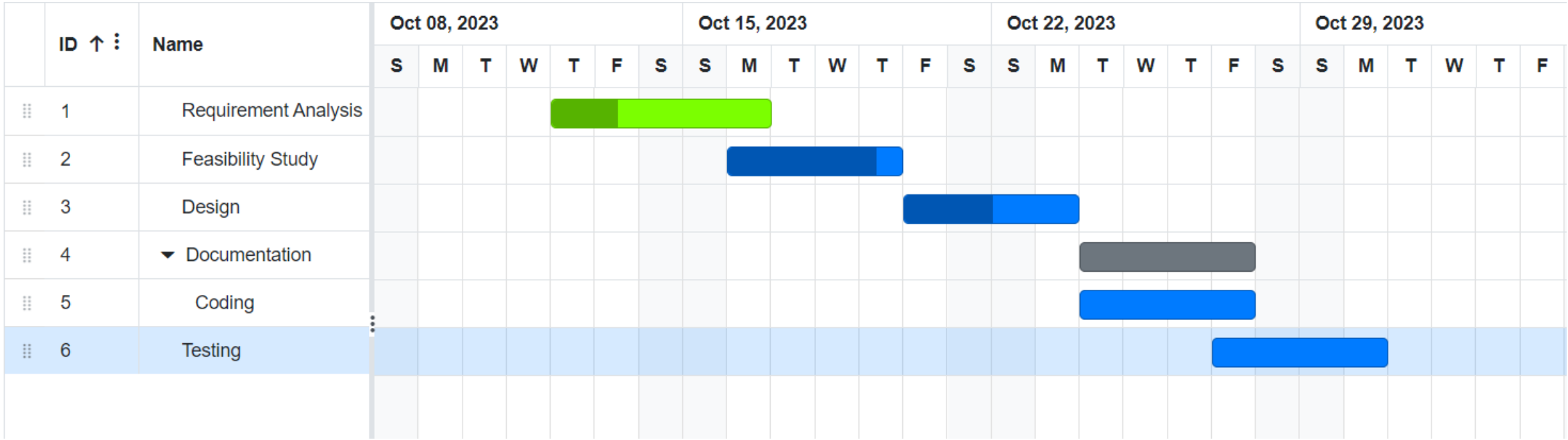
- Project planning for a File Distribution Portal project involves creating a detailed roadmap that outlines tasks, timelines, resources, and milestones to ensure the successful development and implementation of the portal.
- The planning of the project includes these steps:

  -Define project scope

  -Develop a project team

  -Create a Gantt Chart

  -Documentation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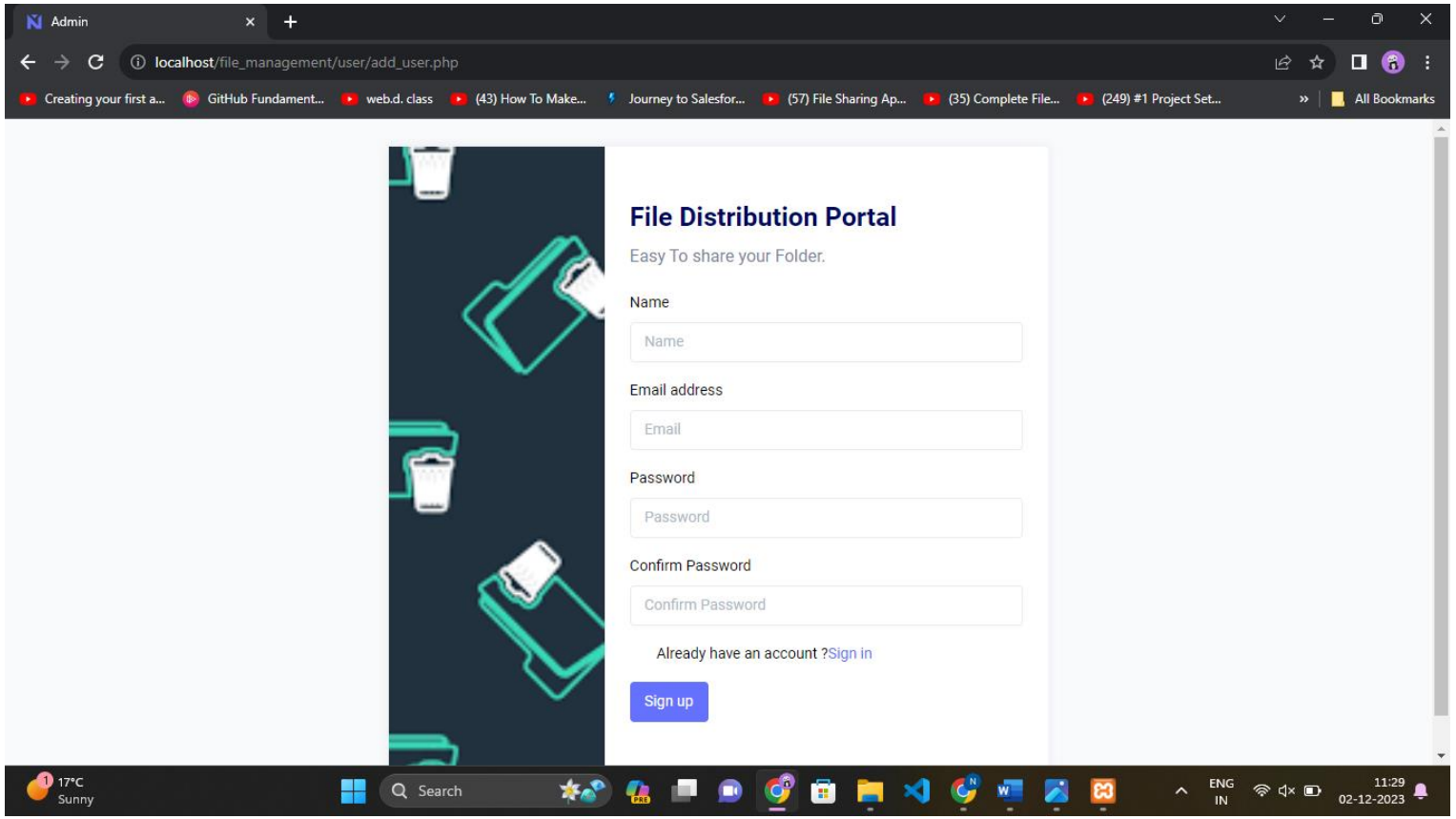
1 Requirement Analysis
2 Feasibility Study
3 Design
4 Documentation
5 Coding
6 Testing

- GANTT CHART

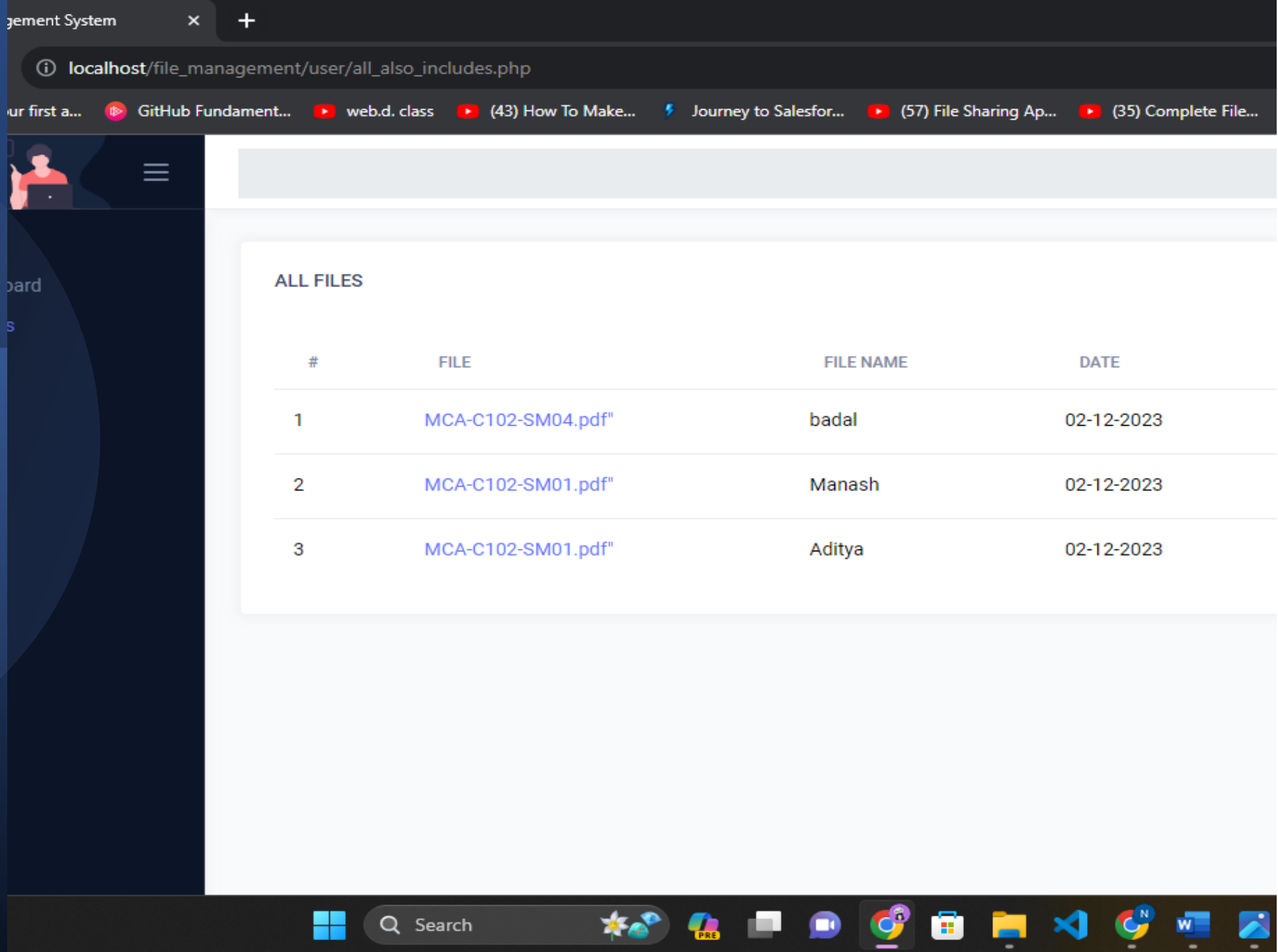
PROJECT ANALYSIS

In Project analysis, The software engineering paradigm which is also referred to as a software process model or Software Development Life Cycle (SDLC) model is the development strategy that encompasses the process, methods and tools. SDLC describes the period of time that starts with the software system being conceptualized and ends with the software system being discarded after usage.

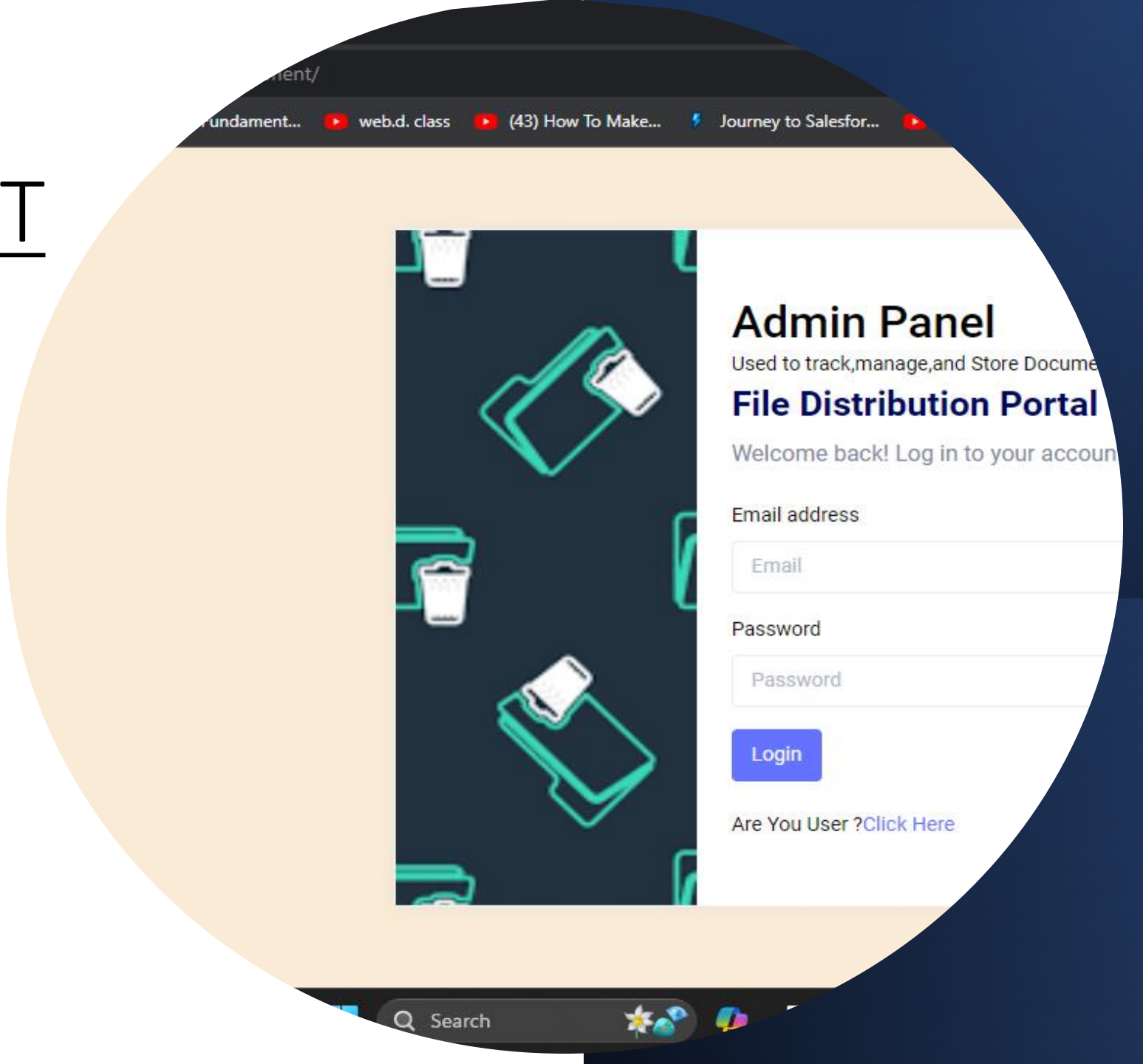
USER FRONT PAGE



USER INTERFACE



ADMIN FRONT PAGE



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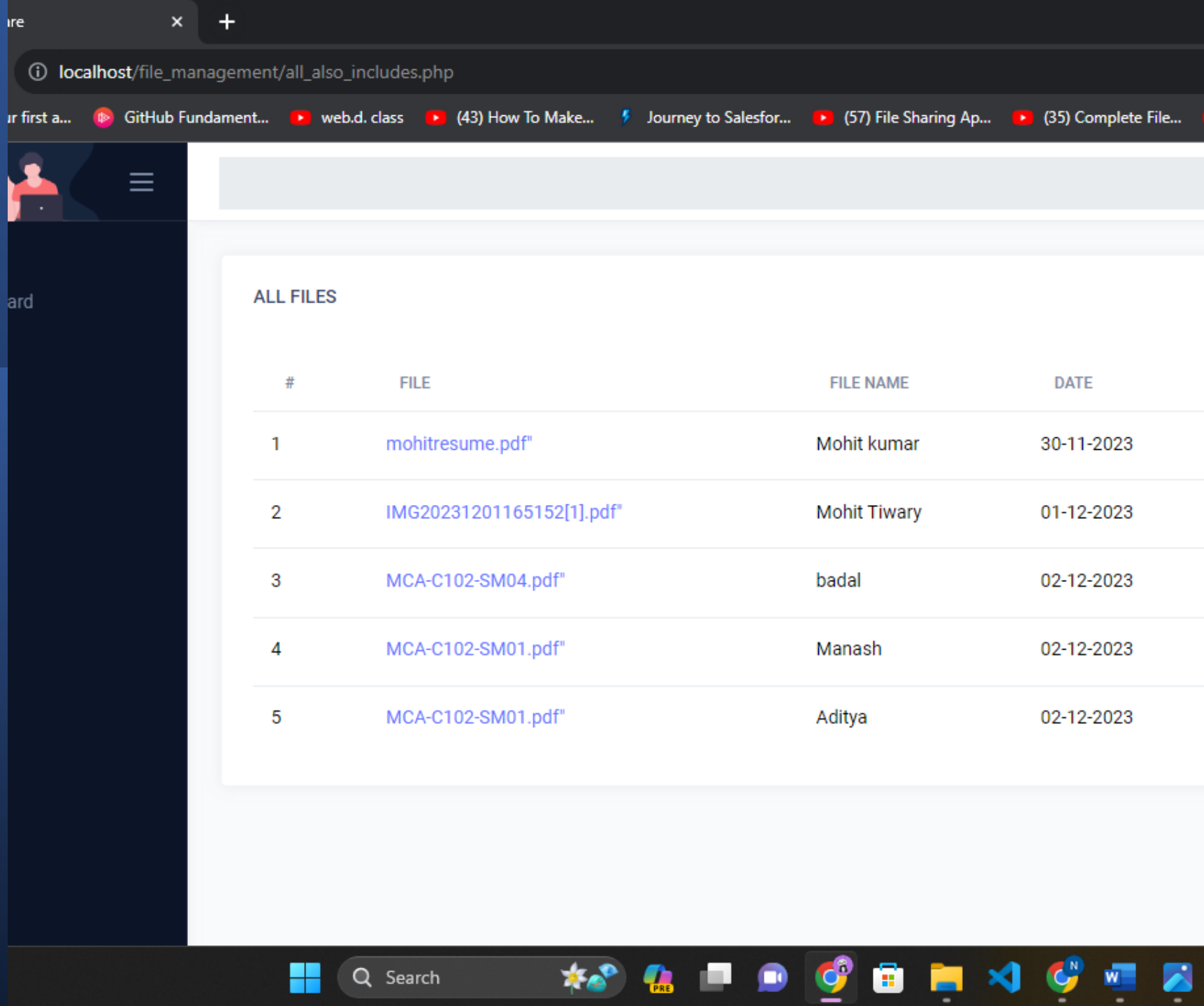

FUTURE SCOPE OF THE PROJECT

- The future scope and potential enhancements for a File Distribution Portal project can involve adding new features, improving existing functionalities, and adapting to emerging technologies.
- Here are some ideas for future development and enhancements:

  -Advanced Collaboration Features

  -Enhanced File Search and Filtering

  -Intelligent File Recommendations

  -Mobile Applications

THANK YOU