

SOFTWARE REQUIREMENT SPECIFICATION

STUDENT NAME : MATHAN RAJ E

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SEAT NUMBER : 188

PROJECT ID : 28

PROJECT TITLE : MoU - DATABASE MAINTENANCE

STACK : LAMP STACK

TECHNICAL COMPONENTS

COMPONENT	TECH STACK
FRONT END	HTML CSS JAVASCRIPT
BACK END	LINUX APACHE SERVER PHP (LARAVEL)
DATABASE	MySQL
API	REST API

PROBLEM STATEMENT

Develop a web-based portal to track activities under each Memorandum of Understanding (MOU).

- This will provide a central hub for monitoring progress, fostering collaboration, and improving transparency for all involved.
- By streamlining data collection and reporting, the portal aims to enhance decision-making and ensure successful MOU implementation.

PROJECT FLOW

PURPOSE

- Centralized Monitoring: Consolidate information for easy access and enhance transparency.
- Enhanced Collaboration: Foster synergy among stakeholders and streamline communication and coordination.
- Streamlined Decision-Making: Automate tasks, provide real-time insights, and optimize strategic decision-making processes.

SCOPE

- Comprehensive Functionality: Develop features for MOU lifecycle management, including reporting tools.
- User Accessibility: Ensure access control and customization for administrators, participants, and observers.

BUSINESS CONTEXT

- Efficiency and Effectiveness: Maximize impact by reducing administrative overhead and optimizing collaboration processes.
- Transparency and Accountability: Build trust through transparent access to information and adherence to agreed-upon objectives.
- Competitive Advantage: Position as reliable partners by demonstrating transparency, efficiency, and accountability in collaborative efforts.

DEPENDENCIES

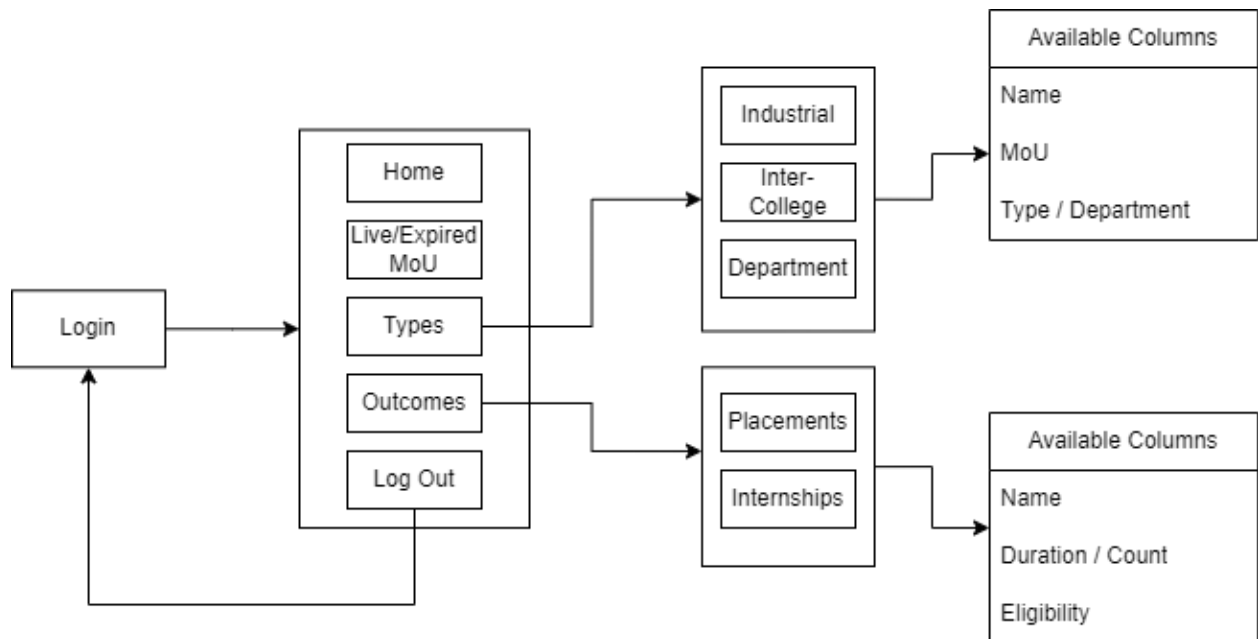
- Google OAuth for Authentication Process.
- MySQL for Database Connectivity and Apache as Web Server.

USER PERSONAS

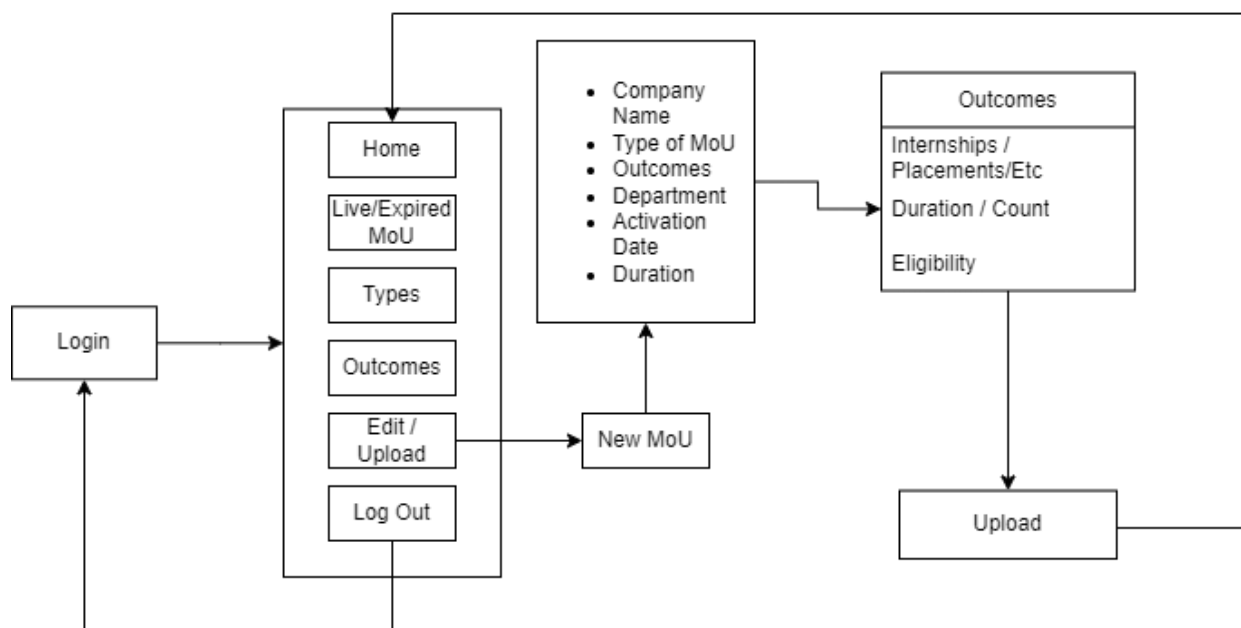
- Faculty : Review the Status of Each MoU.
- Admin : Access to edit and add a new MoU.

FLOWCHART

Faculty Staff :



Admin Staff :



ENTITY RELATIONSHIP MODEL

