Library Management System

Project Presentation

# Project Overview

• A digital solution to manage library operations including book records, user data, and transactions. It supports search, issue/return, and user authentication.

# Key Features

* - User login for students and admins
* - Book search and catalog
* - Book issue and return system
* - Admin dashboard for monitoring
* - Book availability status

# Tech Stack

* - Frontend: HTML, CSS, JavaScript
* - Backend: Python (Flask)
* - Database: SQLite / MySQL
* - Tools: Git, GitHub

System Architecture Diagram

* Diagram showing: User -> UI -> Server -> Database

Entity Relationship Diagram

* Diagram showing tables like Users, Books, Borrowed\_Books

# UI Screenshots

• Screenshots: Login, Dashboard, Search Book, Issue Book

# How to Run the Project

* 1. Clone repo: git clone https://github.com/your-username/librarymanagement-system
* 2. Go to folder
* 3. Install dependencies: pip install -r requirements.txt
* 4. Visit http://localhost:5000

# GitHub Repository

• https://github.com/you -aqdas salam /lib a y management-system

# Thank You