**Library Management System Architecture for Student/Staff**

User LMS Student/staff

**Entity layer**

Contains all entity classes for ORM.

Request

Response

**DATABASE MYSQL**

**DAO layer**

Retrieve the user credentials and respond to service layer.

Request

Response

**Service layer**

Check for the login credentials and authenticate user. Or respond accordingly.

Request

**Controller layer**

**Process the request** -> Implementation of controllers for API.

Handle request for login for user and response accordingly.

Controller communicate with frontend via REST API

Response

Request

Frontend communicate with backend via REST API

User interaction with frontend

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Response

**Frontend Layer**

A form for Student/staff for login with email, password.

Show user their fine and borrowed books on website dashboard. And also all books available in library and overview of books.