

## System Design

The application implements the MVC architecture, ensuring a clear separation of concerns.

**Model:** Represents data and business logic.

**View:** Defines the presentation layer.

**Controller:** Manages requests and coordinates between the model and view.

## Key Classes and Methods

### Repositories:

BaseRepository

UserRepository

BillRepository

VoteRepository

AmendmentRepository

NotificationRepository

### Controllers:

UserController

BillController

ReportController

AmendmentController

NotificationController

## Data Storage Approach

The application uses a MySQL database to store all data. Repository classes are implemented to handle CRUD operations, following the repository pattern to abstract data access logic.

## How to Run

Clone the project to local machine, in the terminal switch directory to the project.  
Run command: `podman-compose up --build`, `podman-compose start`

Then use <http://localhost:8080/> to run the application.