Railway Crossing Status

Features and Operations for Public Users:

Create an Account:

1. Public users can register for an account by providing their details such as name, email, and password.
2. Once registered, users can log in to the application using their credentials.

Fetch and Display Railway Crossing Details:

1. Public users can access the application's frontend, which displays details of various railway crossings.
2. The details include information such as location, name, and status of the crossings.

Display Railway Crossing Status:

1. The status of each railway crossing (open or closed) is prominently displayed on the frontend.
2. This allows users to quickly check the current operational status of the crossings.

Search Railway Crossings:

1. Public users have the option to search for specific railway crossings.
2. They can enter search criteria such as location or name to filter and display matching results.

Mark Railway Crossing as Favorite:

1. Users can mark railway crossings as their favorites for quick access.
2. This feature enables users to track and manage their preferred crossings easily.

View List of Favorite Railway Crossings:

1. The application provides a dedicated section where users can view their list of favorite railway crossings.
2. This allows users to conveniently access and organize their preferred crossings.

Features and Operations for Admins:

Login to Admin Account:

1. Admins can log in to the application using their specified admin credentials.
2. This grants them access to the admin dashboard for managing railway crossings.

Admin Dashboard:

1. Upon successful login, admins are directed to the admin dashboard.
2. The dashboard serves as a centralized interface to access and manage various features.

Add a Railway Crossing:

1. Admins can add new railway crossings to the application.
2. They provide details such as location, name, and initial status of the crossing.

Delete a Railway Crossing:

1. Admins have the authority to remove railway crossings from the application.
2. They can select a specific crossing and initiate its deletion, ensuring its removal from the system.

Search for a Specific Railway Crossing:

1. Admins can search for a particular railway crossing by entering relevant search criteria.

2. The application performs the search and presents matching results to the admin.

Update the Status of a Railway Crossing:

1. Admins can update the status of a railway crossing based on its current operational status.
2. They have the ability to mark a crossing as either open or closed.