

Phase End Project

Railway Crossing

BY

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Github Link: <https://github.com/harish3451/RailwayCrossing.git>

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Description of Project:

Create a railways crossing application where user can see the crossings available. User can see the available crossing and also able to add the crossing in his favorite crossing list. User can also search the crossing. There is also an admin end where admin can update, add and delete the crossing from available list. Admin can also update the status of crossing.

For database storage, we used mysql work bench and for connecting to data base, used hibernate.

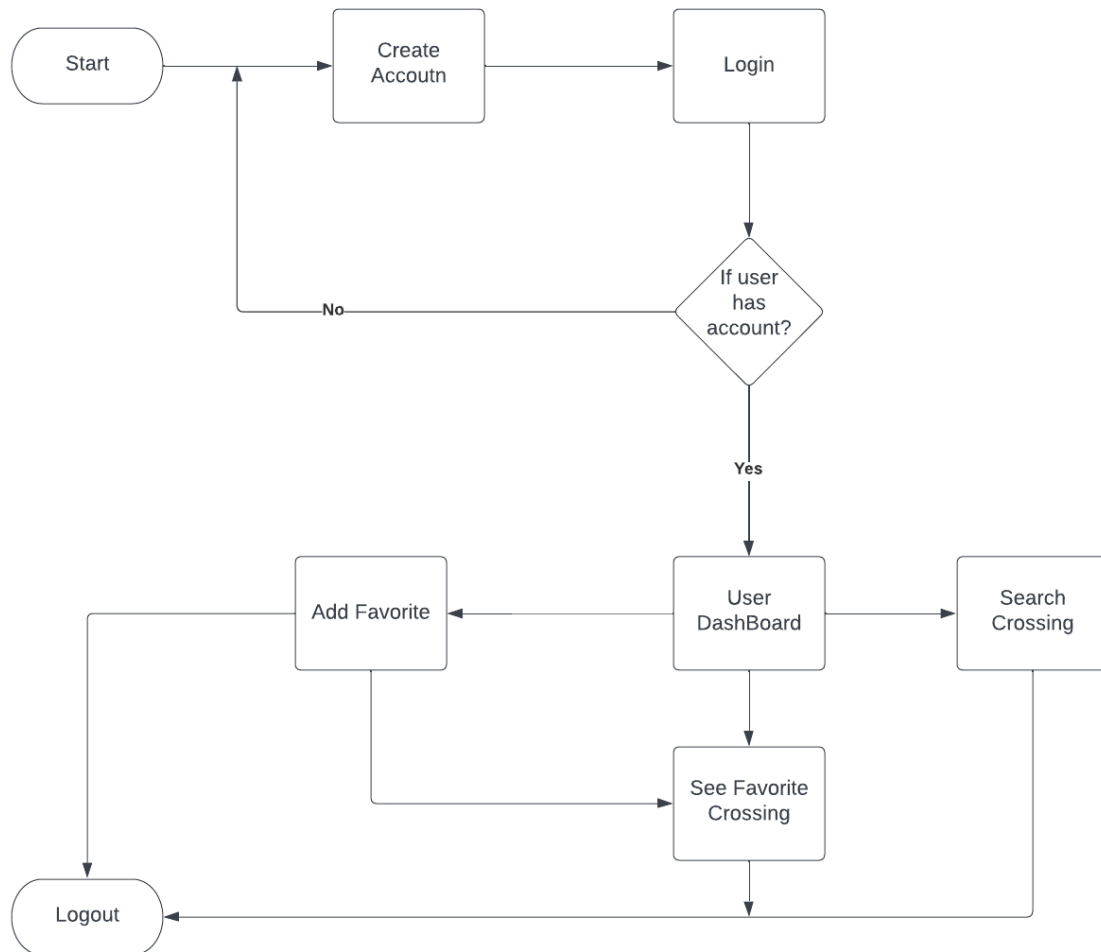
Tools and technologies used for this project:

- Eclipse
- Java
- Servlet
- Jsp
- Hibernate
- MySQL
- Apache Tomcat Server

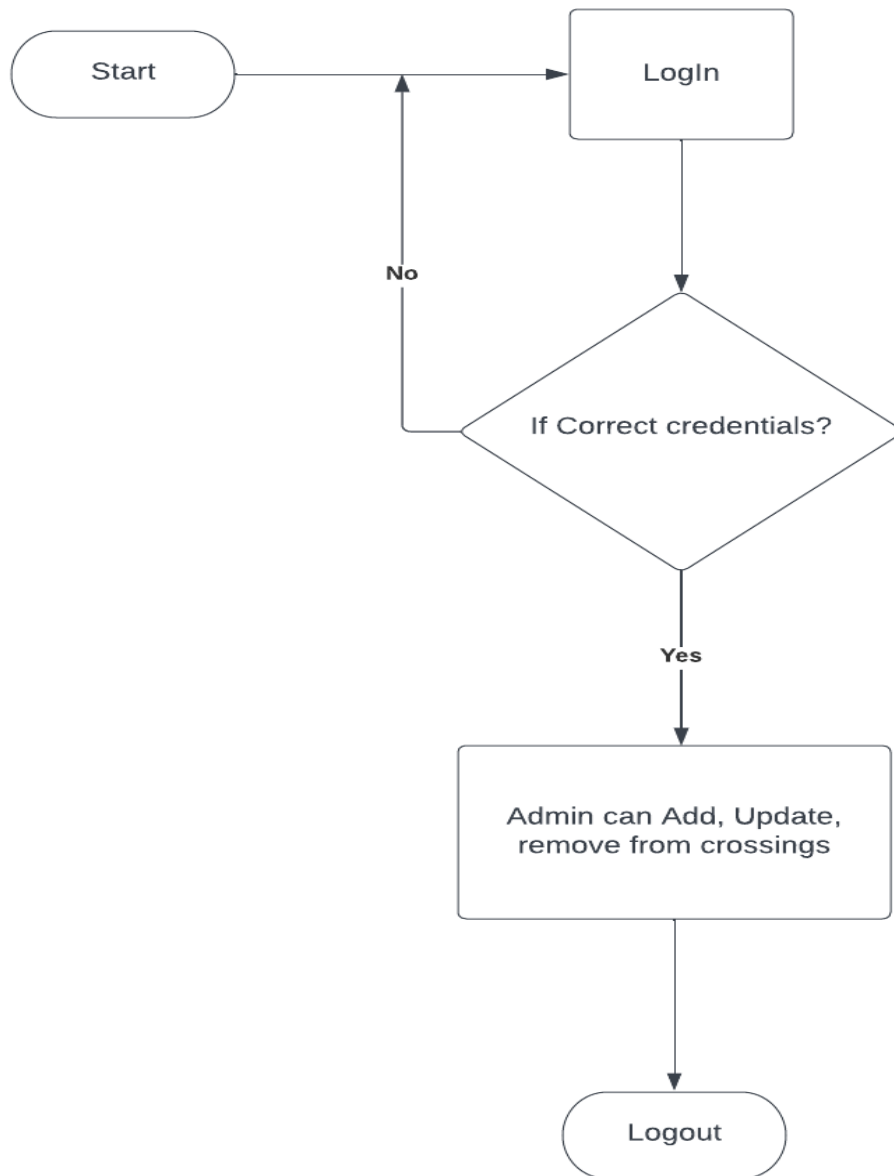
Features of this project:

- User can create account.
- User can see the crossings.
- User can mark railway crossings as his favorite.
- User can view his favorite list
- Admin can add, update and delete a crossing.

Flow chart of User end application:



Flow Chart for Admin end



Database:

Here I create a database with name "RailwayCrossing". In this database, Four tables are created with name userdetails, Crossingdetails, favorite and admindetails.

User details table:

- Primary key : id
- Attributes are username, email and password
- For email unique key constraints is used so no user can register multiple times.

CrossingDetails table:

- Primary key: id
- Attributes are crossingname, crossingstatus, personInCharge, TrainSchedule, Landmark and address.

Favorite table:

- Composite Primary key: uid, cid.
- Uid is user id from user table and cid is crossing id from crossing table.

Admindetails:

- Primary key :id
- Attributes are email and password

For output : Output document has been shared
Source Code file also available in Github link