

RAILWAY CROSSING STATUS - SRS DOCUMENT

Application Capabilities

Railway Crossing Status consist of manily admin and public user:

ADMIN

- Can login into the web application
- On the admin dashboard, admin can
 - Add new railway crossing details
 - View details
 - Update details
 - Delete details
 - Search details
- Can change status as **OPEN/CLOSE**
- Can logout from the system

PUBLIC USER

- Can login and register into the web application
- On the user dashboard, user can
 - View all the railway crossing details
 - Can mark any of them as favourite
 - View the favourite crossing in separate tab
 - Remove favourite from the list
 - Search details
- Can check whether the railway crossing status is **OPEN** or **CLOSE**
- Can logout from the system

Domain Analysis

ADMIN → Login

Add details

View details

Update details

Delete details

Search details

USER → Login

view details

Mark as favourite

View favourite list

Search details

DATABASE DESIGN

Database Name : DB_2

Table 1 : user

Field 1: uname –name of the user – varchar()

Field 2:email – email of the user – varchar()

Field 3:password – password of the user – varchar()

Table 2 : crossing

Field 1: rid – railway crossing ID - int

Field 2:rname –name of railway crossing – varchar()

Field 3:raddress – address – varchar()

Field 4:rlandmark – landmark – varchar()

Field 5:rschedule – schedule of train crossing – varchar()

Field 6:rperson – person in charge – varchar()

Field 7 :rstatus – status of railway crossing – varchar()

Table 3 : favourite

Field 1: rid – railway crossing ID - int

Field 2:rname –name of railway crossing – varchar()

Field 3:raddress – address – varchar()

Field 4:rlandmark – landmark – varchar()

Field 5:rschedule – schedule of train crossing – varchar()

Field 6:rperson – person in charge – varchar()

Field 7 :rstatus – status of railway crossing – varchar()

PROJECT DURATION

Sprint 1 (12 hour)

1. Created login and register design (2 hour)
2. Created database and table (35 mints)
3. Authenticated users (2 hour)
4. Created dashboard for admin and user (1 hour)
5. Created admin functionalities like adding details of railway crossing (1 hour)
6. Created update and delete function (3 hour)
7. Created search function(2 hour)
8. Logout (15 mint)

Sprint 2

1. Created favourite functions(2 hour)
2. Retrieved favourite details(1 hour)
3. Search details(15 mints)
4. Testing and validation(1 hour)
5. Designing (5 hour)
6. Navigation portion(1 hour)