

## **PROJECT PROFILE**

The KochiMyMetro is a project for online website for staff and Passengers. The purpose of the project is to build an application program to reduce the manual work for managing the booker counter, routes, station. The project is totally build at administrative end and thus only the administrator is guaranteed the access.

### **MODULES**

The kochiMyMetro web application comprises of the following 3 modules

1. Administrator
2. user
3. staff

#### **Administrator Module**

Administrator manages the entire system and the major operations included in this modules are

- Admin can add Station details.
- Admin can add Fares.
- Admin can add Job vacancies .

- Admin can add Salary package.
- Admin can approve or reject the leave applications.
- Admin can add exam details & publish Result.

### User Module

- User can register and logging into his/her own account.
- User can apply for smart card and recharge this card .
- User can apply for job vacancies
- User can view exam details & result.

### Staff Module

- Staff can logging into his/her own account.
- Staff can view their shift details.
- Staff can apply for leave.
- Staff can view their attendance & leave status.
- Staff can view their salary details.

## EXISTING SYSTEM

In the existing system the some transaction are done only manually but in proposed system. We have to computerize all process.

### Limitation of Existing System

- It is very difficult and time consuming to maintain all the details.

- It also take much time for exam process and apply for leave..

## PROPOSED SYSTEM

The proposed system will give solution to the problem mentioned in earlier system. This system ensures the complete freedom for user, where user at his own system can login to this website.

### Advantages of the proposed system are:

- Greater efficiency and better data security.
- Better information retrieval.
- Validity of input data is automatically checked.

### Table Design

#### 1. Login table

Name : tbl\_login

field	Datatype	Constraint	Description
log_id	Int	Primary key	It store the log_id
Username	Varachar	Not null	It store the user name for login
Password	Varchar	Not null	It store the password for login

#### 2. User Registration table

Name : tbl\_userreg

field	Datatype	Constraint	Description
user_id	Int	Primary key	It store the userid
Log_id	Int	Foreign key	
Name	Varachar	Not null	It store the name
Address	Varachar	Not null	It store the address
Gender	Varachar	Not null	It store the gender
Email id	Varachar	Not null	It store the email
phone	int	Not null	It store the phone

### 3. Card registration table

Name : tbl\_cardreg

<b>field</b>	<b>Datatype</b>	<b>Constraint</b>	<b>Description</b>
card_id	Int	Primary key	It store the card_id
user_id	Int	Foreign key	It store the user_id
name	Varchar	Not null	It store the name
DOB	Date	Not null	It store the DOB
State	Varchar	Not null	It store the state
Country	Varchar	Not null	It store the country
City	Varchar	Not null	It store the city
pincode	Int	Not null	It store the pincode
National id type	Varchar	Not null	It store the national id type
National id no	Int	Not null	It store the national id no
occupation	varchar	Not null	It store the occupation

### 4. Fare table

Name : tbl\_fare

<b>Field</b>	<b>Datatype</b>	<b>Constraint</b>	<b>Description</b>
fare_id	int	Primary key	It store the fare_id
station_id	int	Foreign key	It store the station_id
Fare	Int	Not null	It store the fare

5. Station table

Name : tbl\_station

<b>field</b>	<b>Datatype</b>	<b>Constraint</b>	<b>Description</b>
station_id	int	Primary key	It store the station_id
Station name	Varchar	Not null	It store the station name
Address	Varchar	Not null	It store the address
phone	Int	Not null	It store the phone

6. Staff table

Name : tbl\_staff

<b>Field</b>	<b>Datatype</b>	<b>Constraint</b>	<b>Description</b>
staff_id	int	Primary key	It store the staff_id
log_id	Int	Foreign key	It store the log_id
Name	Varchar	Not null	It store the name
DOB	Date	Not null	It store the DOB
Gender	Varchar	Not null	It store the gender
Phone	Int	Not null	It store the phone
Category	Varchar	Not null	It store the category

7. Job registration table

Name : tbl\_jobreg

Field	Datatype	Constraint	Description
job_id	Int	Primary key	It store the job-id
user_id	Int	Foreign key	It store the user_id
DOB	date	Not null	It store the DOB
Qualification	Varchar	Not null	It store the qualification
Job category	Varchar	Not null	It store the job category
Biodata	Varchar	Not null	It store the biodata
Certificates	varchar	Not null	It store the certificates

8. Salary table

Name : tbl\_salary

Field	Datatype	Constraint	Description
salary_id	int	Primary key	It store the salary_id
staff_id	Int	Foreign key	It store the staff_id
Date	Date	Not null	It store the date
Amount	Int	Not null	It store the amount

9. Attendance table

Name : tbl\_attendents

Field	Datatype	Constraint	Description
Attendance_id	int	Primary key	It store the attendance_id
Staff_id	Int	Foreign key	It store the staff_id
Date	Date	Not null	It store the date
Attendance status	Varchar	Not null	It store the attendance status

10.Exam table

Name : tbl\_exam

field	Datatype	Constraint	Description
Exam_id	int	Primary key	It store the exam_id
Job_id	Int	Foreign key	It store the job_id
Exam details	Varchar	Not null	It store the exam details

11.Result table

Name : tbl\_result

Field	Datatype	Constraint	Description
Result_id	int	Primary key	It store the result_id
Exam_id	Int	Foreign key	It store the exam_id
Mark	Int	Not null	It store the mark
Eligibility status	Varchar	Not null	It store the eligibility status



## Form Design

### 1. Home page

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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

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A banner image for Kochi My Metro. It features a blue and white train on a track, with a city skyline in the background. The text 'Kochi My Metro' is prominently displayed in a green box, along with the website address 'www.mathrubhumi.com/mymetro'.

### 2. login page


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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

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A photograph of a blue and white train traveling on an elevated bridge over a busy road with cars. The train is moving towards the right side of the frame.

User name

Password

Login

## 1. admin home page

### KochiMyMetro

[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Notification](#) [Logout](#)

#### Quick Licks

[Add station](#)  
[Add fare](#)  
[Add Job vacancies](#)  
[Salary package](#)  
[Leave Approval](#)  
[exam details](#)



## 4.add job page

### KochiMyMetro

[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)



Add Job vacancies

## 5.Add station page


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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

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Station name

Address

Phone

## 6.add fare page

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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Add](#) [Logout](#)

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Station name

fare

## 7. Apply leave page


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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Logout](#)

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Date	Reason
	<div><input type="button" value="Apply"/> <input type="button" value="Delete"/></div>

## 8. card Registration page

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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

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name	<input type="text"/>
DOB	<input type="text"/>
State	<input type="text"/>
Country	<input type="text"/>
City	<input type="text"/>
Pincode	<input type="text"/>
Nation id type	<input type="text"/>
National id no	<input type="text"/>
Occupation	<input type="text"/>
<input type="button" value="Submit"/>	



## 9.user home

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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Notification](#) [Logout](#)

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## 10.Registration page

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KochiMyMetro

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[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

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name   
Address   
Gender ☐ Male ☐ Female  
Phone   
Email

## 11.leave approval page

# KochiMyMetro

[Home](#) [About us](#) [Travel Information](#) [Job vacancies](#) [Apply card](#) [Registration](#) [Login](#)

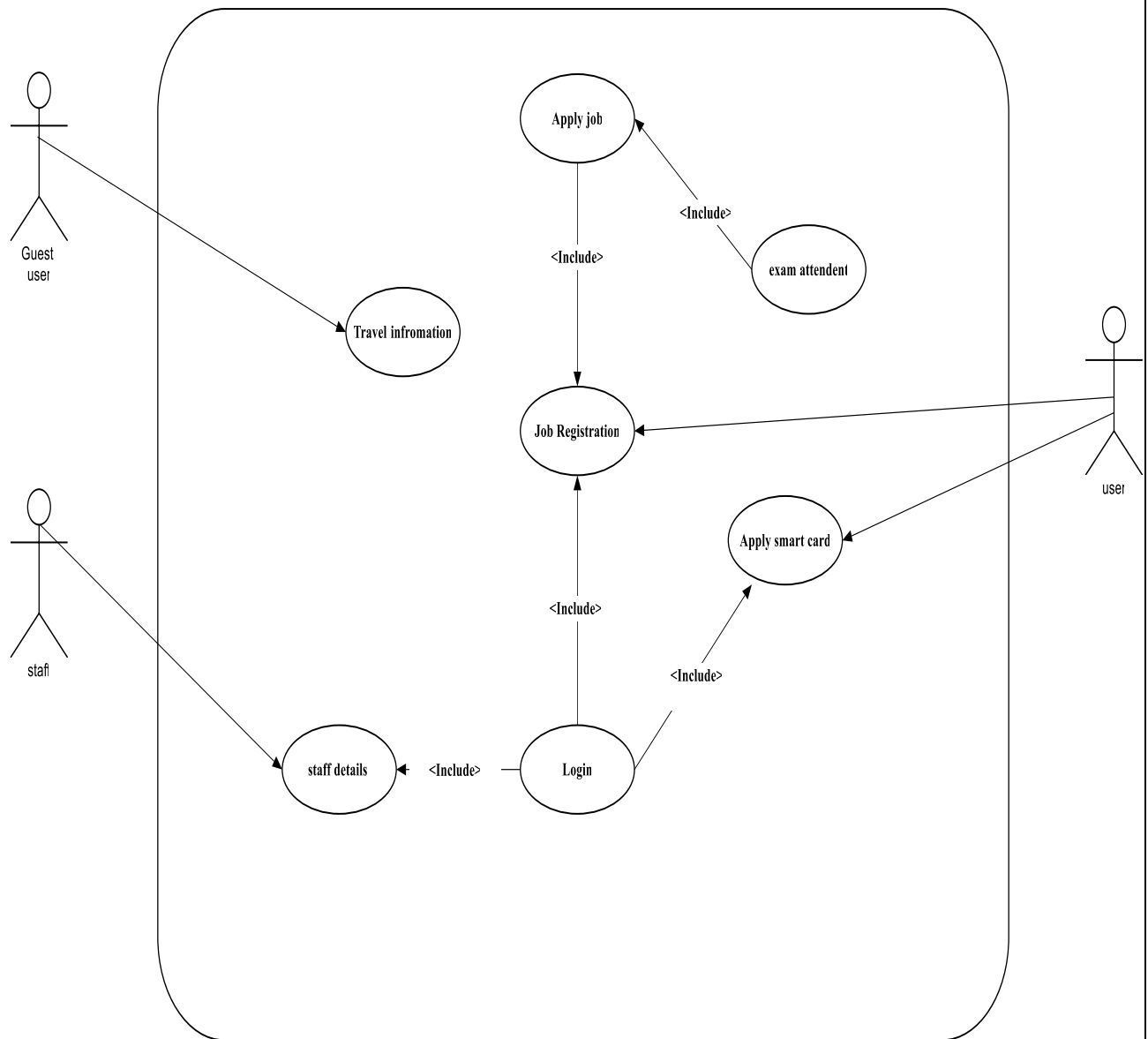


name

Date

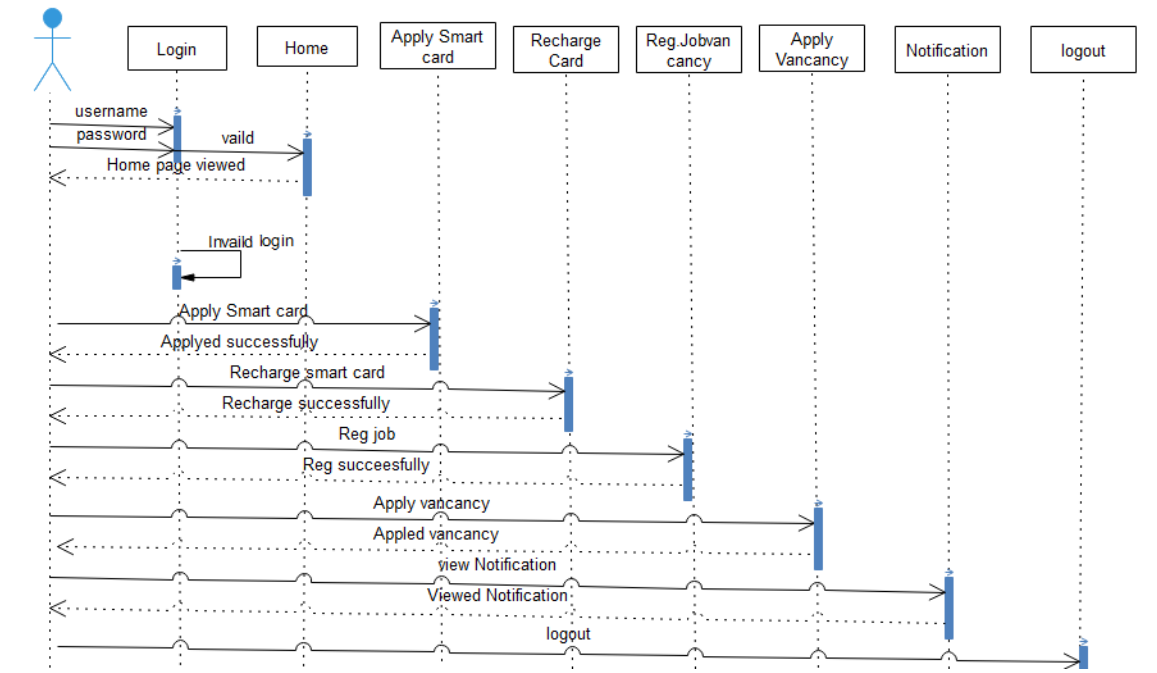
Reason

## Use Case Diagram

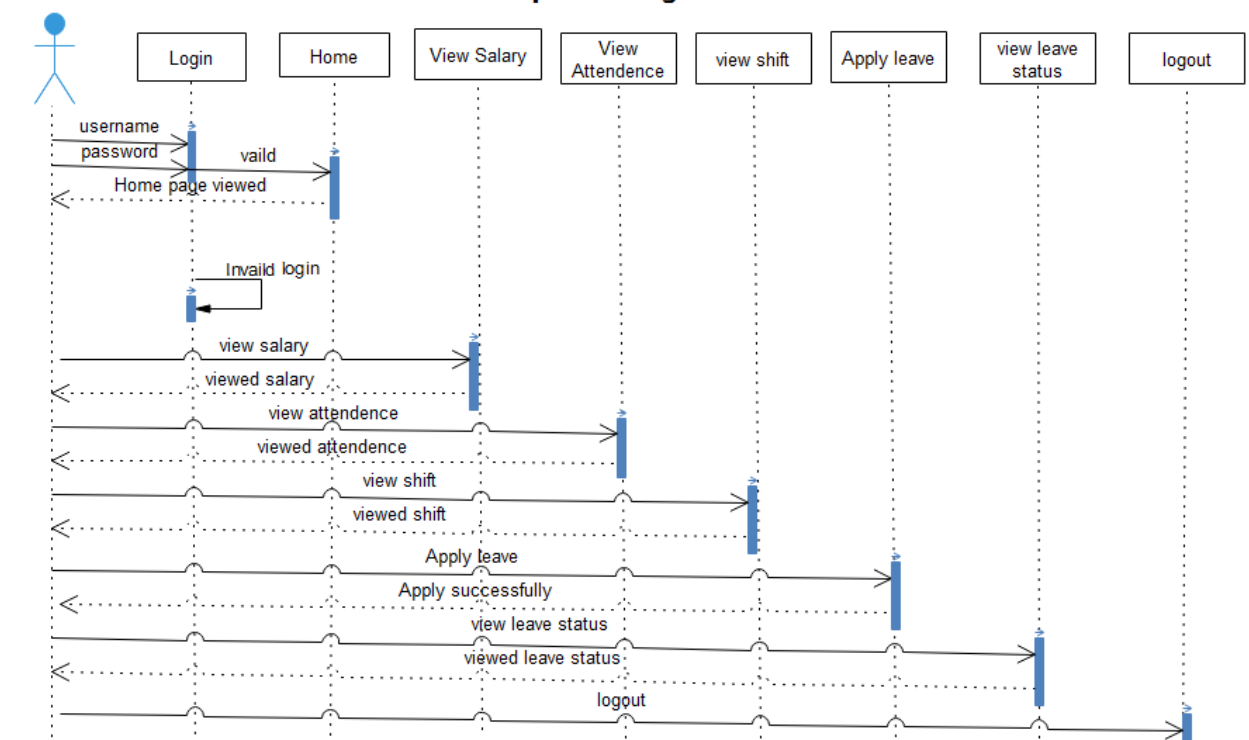


## Sequence diagram

**sequence diagram -user**

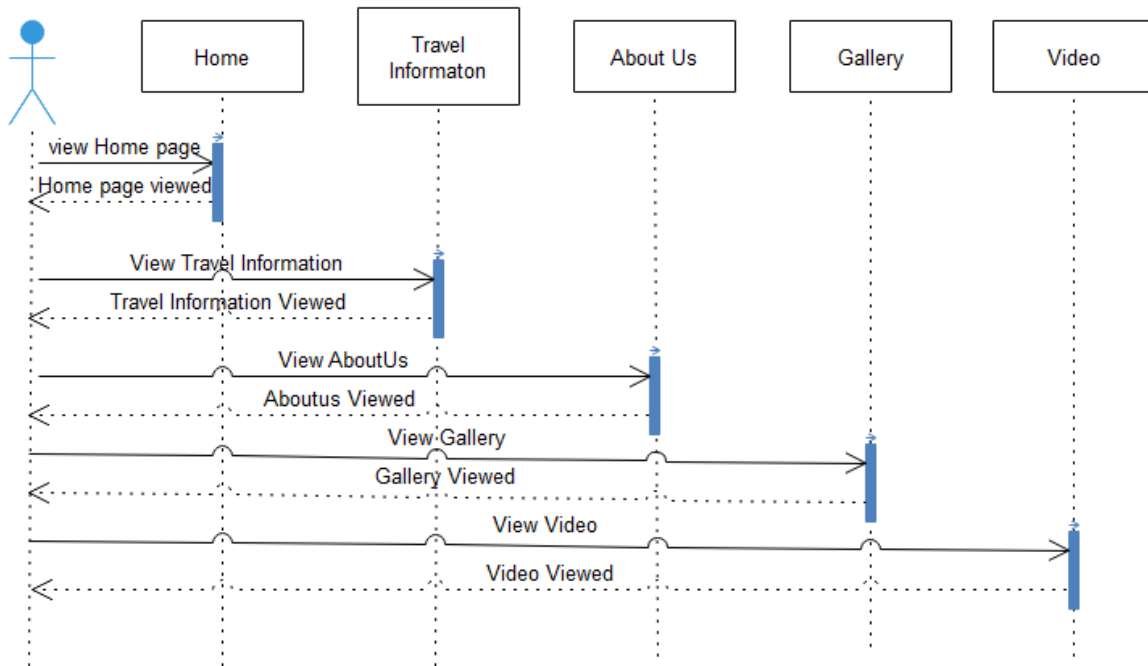


**sequence diagram -Staff**





### sequence diagram -Guest user



### sequence diagram -admin

