

Case Study
Of
Dehli Metro Rail Corporation
(DMRC)

Client's Name:- Dehli Metro Rail Corporation

Project Mentor's Name : Er.Akhilesh Kumar

Trainee's Name:-_____

Enrollment No:-_____

1) Introduction:-

“The **Dehli Metro** is a Mass Rapid Transit System (MRTS) being constructed to provide the city of Dehli, Uttar Pradesh with an environment friendly atmosphere. The commencement of civil works started on 27 September 2014. “Dehli Metro Rail Corporation Limited” or DMRC is working on this project which will be an alternative mode of transport since approximately 94% of the city's registered vehicles are private. Growing population and huge traffic has called for the transformation of private modes of conveyance to public transport. The metro project will be the most expensive public transport system in the state of Uttar Pradesh.

The project “DMRC” can be used by the passenger in performing online train enquiry via internet. The web portal “DMRC” provides transportation system. This system can be used by the passengers in performing online MST reservation via this portal. This application comes with the ability to approve the MST reservation by sending email

automatically. The “Dehli Metro Rail Corporation Limited” is a web-based application that allows visitors to search train between the stations.

Everyone requires a daily enquiry regarding metro service which will be available on the Portal. The website results in many advantages such as reducing the mob on the enquiry counters. A passengers can even renew his Monthly Seasonal Ticket (M.S.T) online. Passenger has the choice to view details regarding any train number.

- ❖ Passenger can select the desired route for his MST enrolment.
- ❖ Portal can generate the details of the train against any enquiry.

2) Objective:-

The portal emphasizes on providing an easy interface to the passenger with number of services for the ease of the passengers. The site is also equipped with the facility of renewing one’s M.S.T. The objectives of the proposed system are:

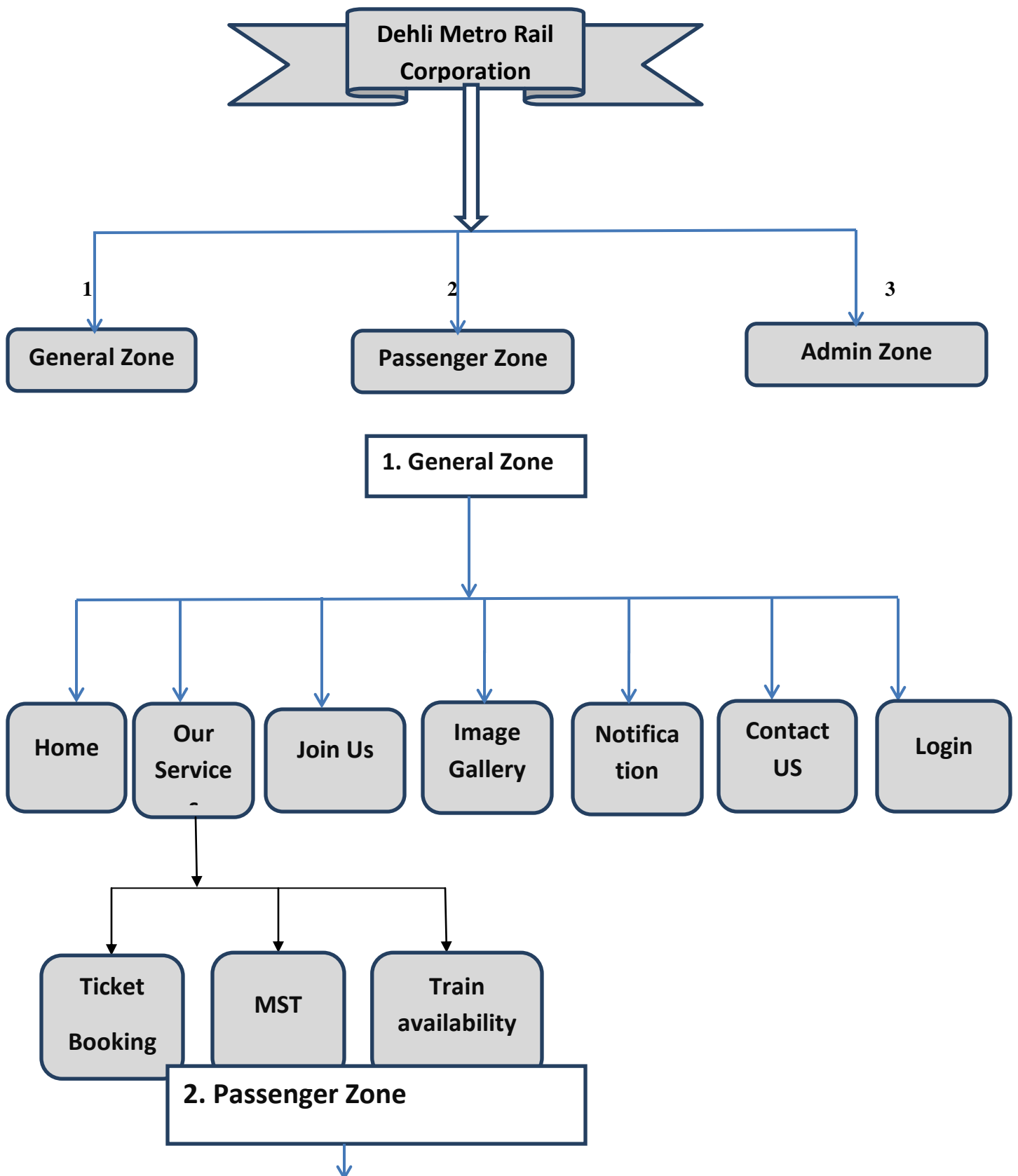
- ❖ To provide a web-based buying Metro ticket facility.
- ❖ To provide anytime anyplace service for the passenger.
- ❖ To enable the passenger to check the availability of the metro train online.
Passenger can check the time departure and arrival for every train through the portal.
- ❖ Passenger can pay the fee of MST by Demand Draft.
- ❖ To provide different kinds of searching interface such as:
 - Search train availability between two stations according to the train number.
 - Search train availability between two stations according to route.

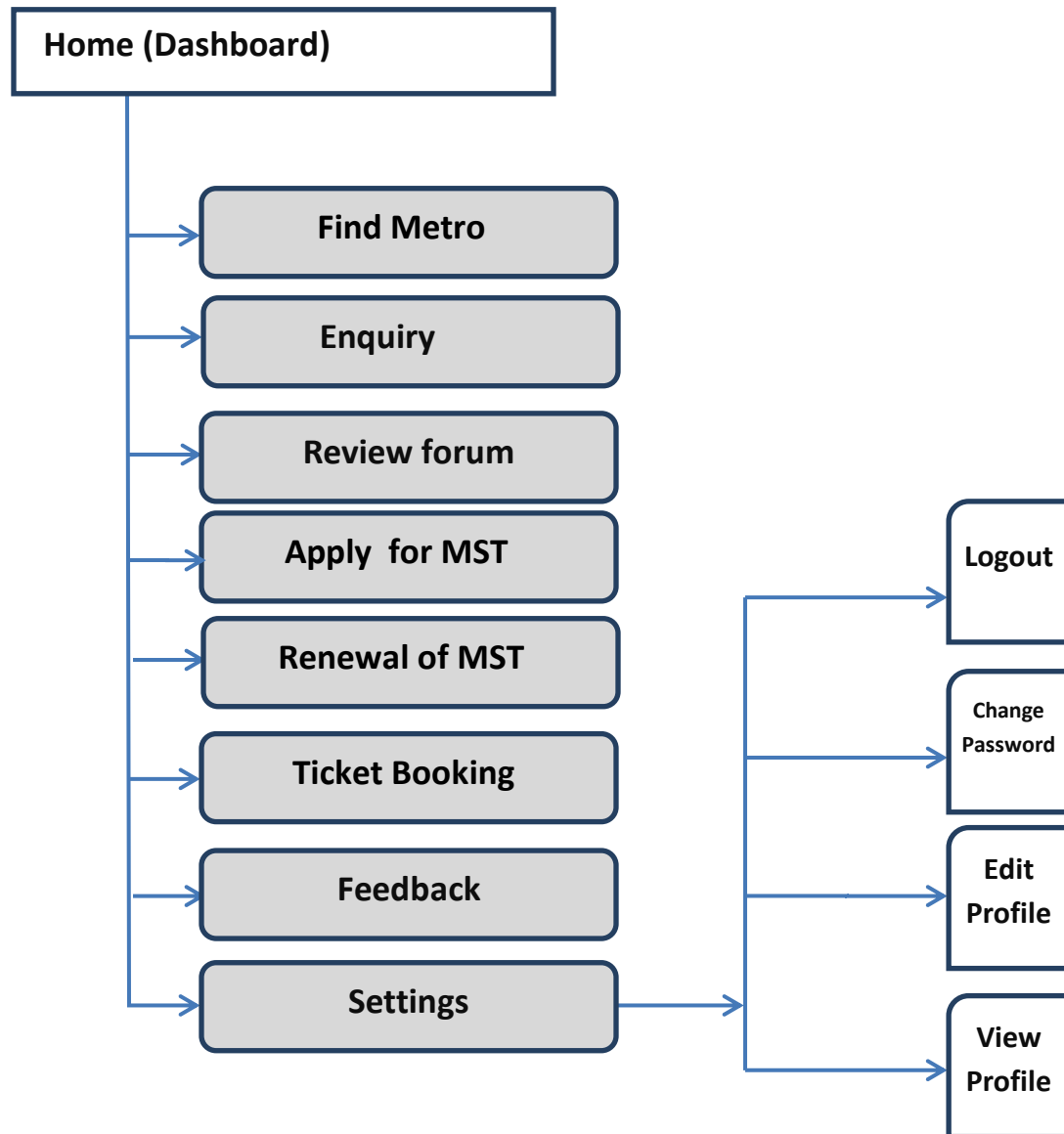
3) Name Of Modules:-

There are modules in the system which can be sequentially listed as given below:-

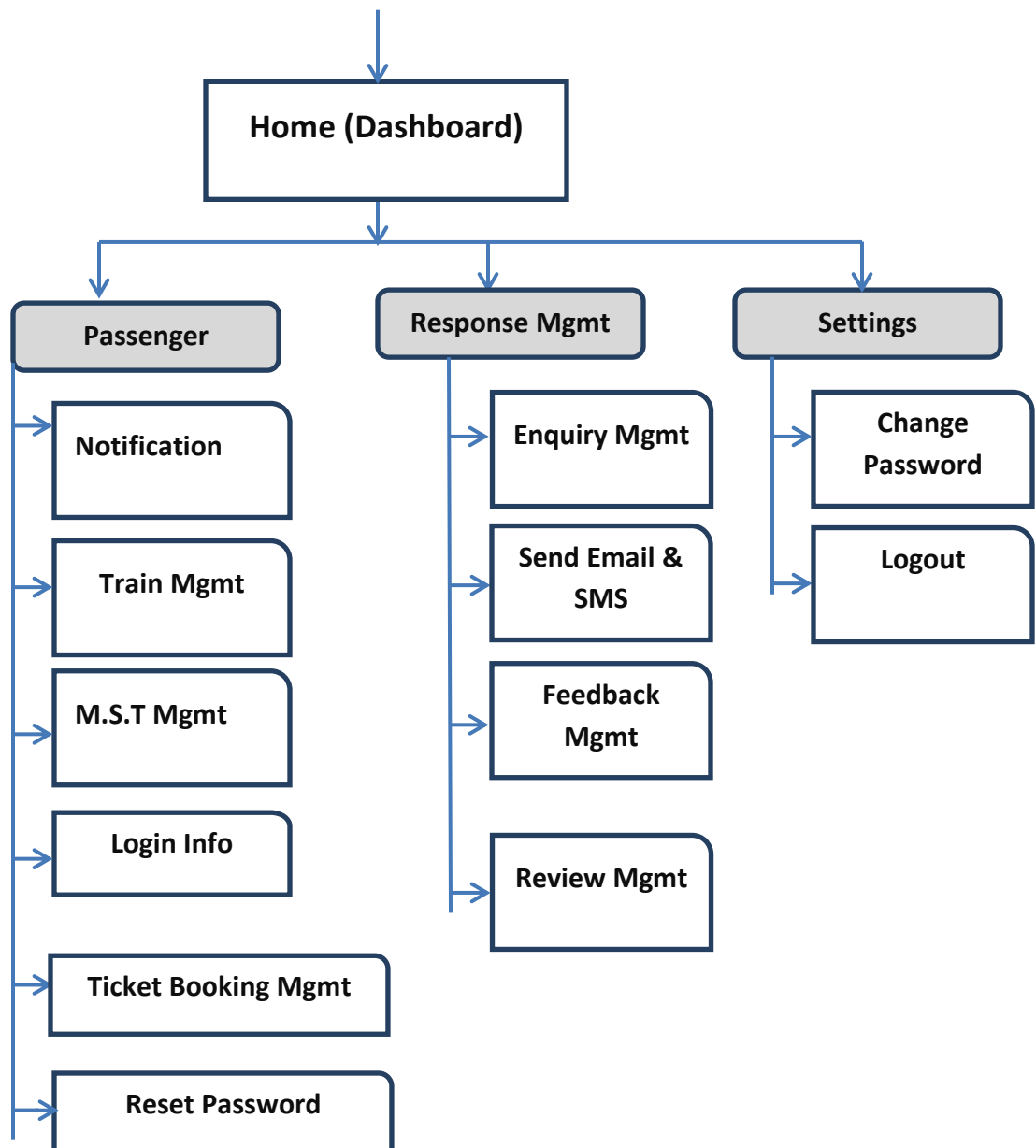
1.	Login and authentication for Passenger
2.	Passenger registration
3.	Dynamic events management
4.	Review Forum
5.	Metro train management
6.	Ticket Booking management
7.	M.S.T management
8.	Captcha generater management
9.	Feedback's management
10.	SMS integration
11.	Image Gallery
12.	Enquiry management
13.	Data encryption
14.	Admin login & authentication
15.	Expert Search

4) Archiecture of Dehli Metro corporation:-





3.Admin Zone

**Summary Of architecture:**

1) **General zone:**

Home: It would contain the name and logo of “Dehli Metro Rail Corporation Limited”. It also contains a light weight slider, menu bar, and no of registered passenger, Image of DMRC, and notification. It should also contain a small login form and one search box.

Our services: In this Section we will describe our service which is provide throw this portal. Passenger can book ticket on line and passenger can check metro train availability via portal.

Image Gallery: In this section we Upload Images of “Dehli Metro Rail Corporation Limited” and Metro coach.

Contact Us: Contact us page includes main two things one is static contact details of “Dehli Metro Rail Corporation Limited” and another is dynamic enquiry form with following fields:

Name, email id, contact no, Query.

Join Us: It is registration form, if any passenger want to join this portal, he will fill the registration form.

There are several field which include in registration form

Name, FName, Gender, DOB, Contact No, Email ID, Password, Confirm Password, Captcha Code, Profile Picture.

Login: This page is used by the passenger for login into the passenger zone as well as Admin zone. It should contain following properties:

User Id , Password, Utype.

2) **Passenger zone:**

The home page of passenger zone, works as a dashboard. It includes navigation I-con for all pages.

Passenger can apply for MS.T and he can request for renewal of M.S.T. online. Passenger can book ticket online and passenger can search train availability throw Train number or route wise. Event tab is used to display the dynamic notifications .In Feedback section passenger can submit his feedback about portal. Passenger manual is used to clearly define the flow of passenger zone, its main objective is to make passenger friendly portal.

3) Admin zone:

The first page of admin should works as a dashboard. Admin is a person, with full authentication. It can block a passenger account. Admin can directly view feedback of passenger and contact query. Admin can manage each and every thing related to that portal.

5) Conclusion:-

Conclusion of this Project to make online all facility which is providing in “Dehli Metro Rail Corporation Limited”. In this project passenger can apply for M.S.T online and make payment online. Passenger can check current position of metro. Passenger can book ticket online throw this portal. Passenger can renewal M.S.T. Passenger will see new notification which is uploaded by admin. Admin upload all new notification and update all notification. Admin can see detail of passenger and authenticate to them. When passenger apply for M.S.T. then admin check all detail and provide M.S.T to passenger and give successfully message to passenger throw SMS or Email.