

# [KOCHI MY METRO]

Date: [1-02-2020]

Guide: [MR. T J JOBIN]

## 1. Project Overview?

The KochiMyMetro is an 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, and station. The project is totally built at administrative end and thus only the administrator is guaranteed the access.

## 2. To what extend the system is proposed for?

The proposed system is defined to meets all the disadvantages of the existing system. It is necessary to have a system that is more user friendly and user attractive for business growth; on such consideration the system is proposed. In our proposed system there is admin who can manage the entire system. It allows customers to apply for smart card and job vacancies. Users of this proposed system are admin, user and staff . The aim of proposed system is to develop a system of improved facilities. The system provides proper security and reduces the manual work.

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features:

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

3. Specify the Viewers/Public which is to be involved in the System?

1. User

2. Staff

4. List the Modules included in your System?

The KochiMyMetro web application comprises of the following 3 modules

1. Administrator

2. User

3. Staff

5. Identify the users in your project?

1. User

2. Staff

6. Who owns the system?

*Admin owns and control the system.*

7. System is related to which firm/industry/organization?

*Metro organization*

8. Details of person that you have contacted for data collection?

0484-2846700

0484-2846770

contact@kmrl.co.in

9. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)

1. What is Trip pass ?

*Ans : Trip Pass is a fare product which can be added in Kochi metro smart Card. Trip pass can be used to travel between two fixed stations (chosen at the time of issuance) at the cost of deducting a trip instead of available balance.*

2. Cost of Trip pass ?

Ans : Cost of Trip Pass= (No. of Trips in Pass Type X SJT fare – Applicable Discount). Eg. The cost of 60 trip pass for Aluva-Maharajas Aluva to Maharajas Single journey fare =Rs 50. (taking 33% discount applicable for 60 Trip Pass) Cost of Trip Pass= (No. of Trips in Pass Type X SJT fare – Applicable Discount). = [(60 X 50)- 33% of (60 X 50)] = (3000-990) = Rs 2010

3. Types of Trip pass ?

Ans : There are two types of Trip Passes as below: A. 30 Trips Pass with 30 days validity and 25% discount. B. 60 Trips Pass with 60 days validity and 33% discount.

4. How long a trip pass is valid ?

Ans : The validity associated with the trip pass is given below: A. For 30 Trip Pass- 30 days from the day of issuance. (inclusive of issuance day) B. For 60 Trip pass- 60 days from the day of issuance. (inclusive of issuance day).

5. If I get my trip pass at night 10 PM or later, would a day of the validity be reduced?

Ans : yes

6. Whether Trip can be refunded ?

Ans : Yes, refund shall be calculated as per the below given formula:  $\text{Refund Amt} = \{\text{Cost of Active Trip Pass} - (\text{No of used trips} \times \text{SJT fare}) - \text{Administrative charges}\}$  \*Now Administrative charges are nil. Note: Once the trip pass is refunded, new trip pass can be issued only for the remaining limit of the month for the Kochi1 Card i.e. Max. Rs.3000 per month.

7. Can the trip pass be renewed ?

Ans : Yes, A trip pass can be renewed with the exactly same trip pass type before finishing the last trip or trip pass validity whatever occurs first. After renewal remaining trips shall be added to the renewed trips and validity get reset from the date of renewal.

8. Maximum how many trips can be accumulated after renewal of trip pass ?

Ans : Maximum twice of the trips in a trip pass type can be accumulated after renewal.

9. Can a passenger change the fixed station after issuance of trip pass ?

Ans : No, fixed stations can't be changed once the trip pass is issued.

10. How many types of trip passes can be added in kochi metro smart card?

Ans : Only one type of pass can be added at a time in Kochi1 card.