

Project Proposal For Metro Express Services

1.1. Overview

1.1.1. Background

How people across Bangladesh are facing problems with catering sanitization, in BD Railways most of the people traveling by train, avoid buying the food provided by the BR because of hygiene problems and also the shortage of the variety available on the menu, well not only food but also for the luggage they have to spend so much time to find the Coolie in-order to take there luggage and also when we find one they ask money that doesn't worth it. There are also some cases when you fall ill during the journey and you cannot do anything as you haven't got the medicines with you. Well, not anymore because we are bringing all these facilities with top class services all at one place.

1.1.2. Objectives

Our website is more BD Railways oriented. We provide catering, medication, coolie all in one place. We provide you we the top services according to your location. We provide you with the best services at the best price. Our website is easy to use. The users will be →

1. Client
2. Manager
3. Admin

The list of operations that the system will provide →

- Innovative dashboard for admin and users.
- Show the full responsive page.
- Show the service categories.
- Message to admin for suggestions or complaints
- Employee activities and
- Job circular for the system.
- Auto-generated OTP after submission
- This system has two versions web & app.

1.1.3. Scope

Metro Express Service is a smart traveling website for Bangladeshi people. There is a smart dashboard to manage and watch the system. People can see the categories of services and take a booking appointment. This website gives us a happy journey.

1.1.4. Assumptions and Constraints

In metro rail, users can use this system comfortably. The system should be used by more than 18-year-old age people. Users should know how to use this system. The passengers who are registered must have good knowledge of this site.

The user interface is in English as a result people needing more English skills will face difficulty in using the system. Login and password are used for identification of the user and there is no facility for guests.

1.1.5. Dependencies and Risks

The passenger must have a website in order to use this system. The main risk behind implementing the project is security. If somebody hacks the system then it will be a total disorder. So during development, it will be one of our primary concerns. Another concern is having common bugs such as the familiar users having the same functionalities as the passenger or system admin.

1.2. Project Delivery

1.2.1 Deliverables

The following contents will be delivered with the project:

- a) Project Details
 - i. Project Demo.
 - ii. User manual along with Tutorial
- b) Documentation
- c) Training

1.2.2 Timescales

The time frame for implementing the project is given in Figure 1.2.1.

1.2.3 Work Distribution

The work distribution of the project is given in Table 1.2.1.

1.2.4 Project Resources

The resources required to finish the project are given in Table 1.2.2.

Duration

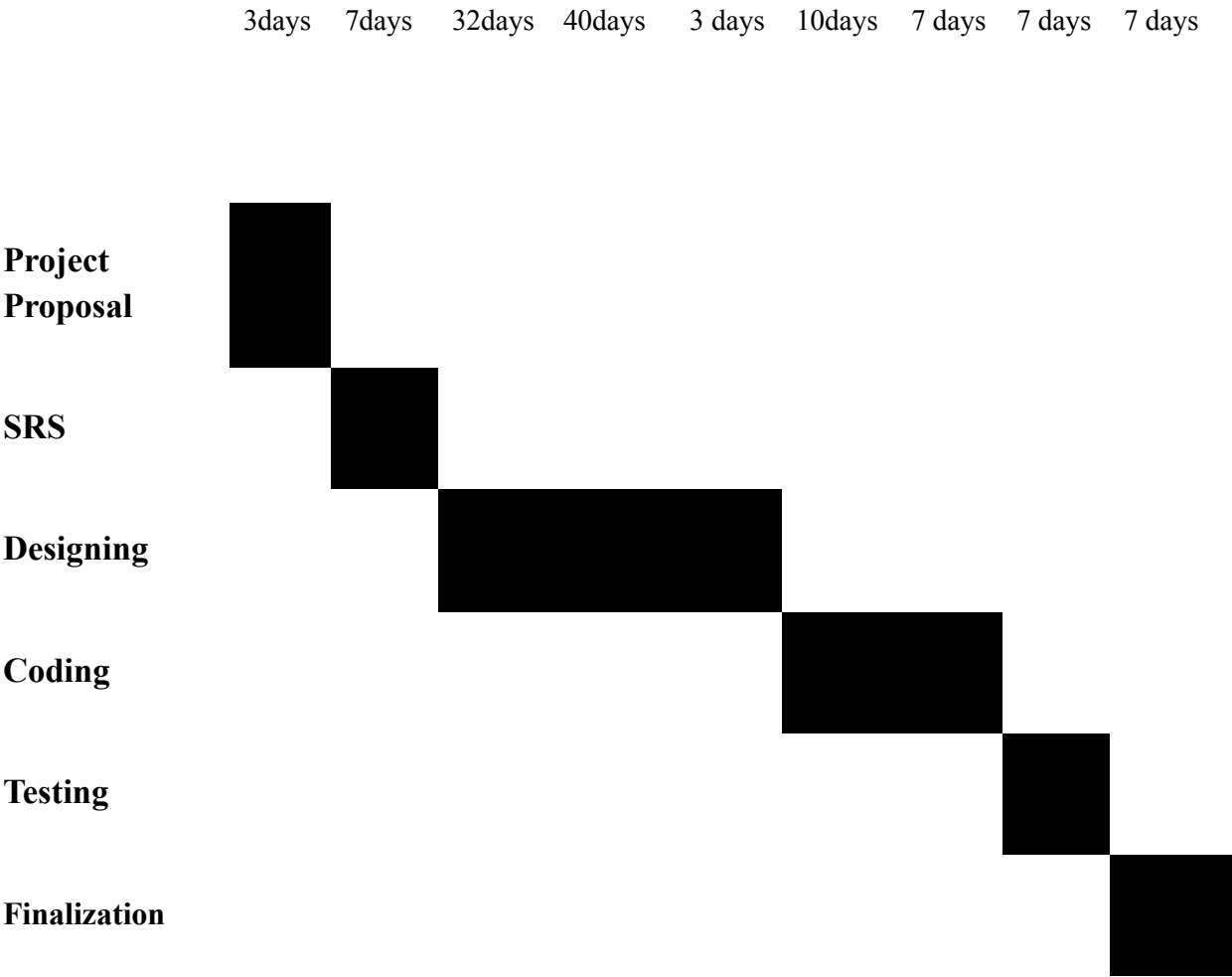


Figure 1.2.1: Time frames for project implementation

Project Proposal	Al Mosrof, Atik Faysal, Rashidul Alam	3 days
Software Requirement Specification	Atik Faysal, Rashidul Alam	7 days
Software Design	Atik Faysal, Rashidul Alam	32 days
Coding	Al Mosrof	40 days
Software Testing	Al Mosrof	3 days
Project Finalization	Atik Faysal, Rashidul Alam	10 days

Table 1.2.1 Work Distribution

Hardware Requirements		
Processor	RAM	Hard Disk Space
Core I 3/5/7, Linux, Android	64/higher	120 Mb or higher
Software Requirements		
Operating System		Database
For users, no specific OS is required. The server machine runs with any machine		Firebase / DB / SQL

Table 1.2.2 Project Resources

1.3. Summary

Time is our most valuable asset. We cannot waste it when there is the scope of utilizing it in a better way. Our proposed system named Metro Service will be developed to meet this purpose. It will save the time of the mass people waste during the time of waiting and unhygienic food, and medical service. Along with this, the metro service web app will also help the passenger to get all facilities on good for the money. As a result, passengers can make their journey comfortably.

1.4. References

1. HowTo: Write a project proposal [Online] URL:

<http://mogadalai.wordpress.com/2007/05/28/howto-write-a-project-proposal>
(Accessed on 15.02.2023)

2. Metro Rail: [Online] URL: <https://www.adb.org/projects/49258-003/main>

3. Metro Transit: [Online] URL: <https://www.metrotransit.org/app>