**Project Management Plan Train Reservation**

1. Project Summary

1.1 Project Overview

This project implements the booking and cancellation of railway tickets along with different features like search using PNR number, modify date of journey and cancel a particular passenger ticket

1.2 Project Scope

The project scope is primarily provide seemless userinterface to book ,modify or cancel the ticket.

1.3 Development Process We follow the waterfall model of software development as it is simple and small.

1.4 Effort, Schedule and Team: The team comprises of the following 2 persons: Ujjwal and Ayush

Total Effort : 2-4 person-months (53 person-days) Project duration : 3.5 months

1.5 Assumptions made: No major assumptions beyond what is stated in the SRS.

2. Detailed Effort and Schedule The phase wise estimates were obtained earlier and given in the book. To summarize the total effort is 53 person-days. Of this the distribution is design: 0.4 (9 days), detailed design: 0.6 (13 days), coding: 1.0 (22 days), and integration: 0.4 (9 days).

The overall schedule for the project is given below.

# Task Estimated Effort (person days)

Start Date (16/08/2019)

End date (01/12/ 2019)

3. Team Organization

We will have a small team of two persons Ujjwal and Ayush. We use a flat team structure of peers, with one person having an additional role of project manager.

4. Hardware and Software resources required

The only hardware resource required is a workstation with Java and Mysql.

5. Quality Plan The quality control process for this project will consist of the following:

• SRS Review: The SRS will be reviewed by a team.

• Design Review: Design document will be reviewed by the project team.

• Unit Testing: Each programmer is responsible for Unit Testing his module.

• System Testing: Will be done according to the system test plan, which will be reviewed.

6. Risk Management Plan There are no risks with this project that might need any explicit mitigation.

7. Project Tracking Three basic methods will be used for monitoring – project logs, weekly meetings, and reviews. As there is no timesheet system, each project member will record his activity in a project notebook and report the updates activity in the meetings.

Reviews will be held as per the quality plan.