Iteration Planning with the Product Owner

Iteration 1:

* Introduction:

The first iteration of the Railway Reservation and Tracking project will focus on setting up the basic infrastructure and implementing the core features of the reservation system.

* Vision and Roadmap:

The vision for the project is to provide a user-friendly and efficient railway reservation and tracking system that enables customers to easily book tickets and track their journeys. The roadmap for the project includes implementing the core features in the first iteration, followed by adding additional features in subsequent iterations.

* Number of user stories fit:

The number of user stories that can fit into the first iteration will depend on the complexity and size of each story, as well as the capacity of the development team.

* Current Status:

The project is in the initial planning phase, and requirements gathering is underway.

* Iteration Theme / Name:

The theme for the first iteration is "Core Features and Infrastructure Setup".

* Prior Data:

There is no prior data available for this project.

* Dates:

The first iteration will begin on March 20th and end on April 10th.

* Capacity:

The development team has a capacity of 80 hours per week for the first iteration.

* Issues / Logistics:  
  There are no major issues or logistics concerns for the first iteration.
* DOD:  
  The Definition of Done for the first iteration includes implementing the core features of the reservation system, setting up the necessary infrastructure, and ensuring that the system is functional and ready for user testing.
* Backlog Extract:  
  The backlog extract for the first iteration includes the following user stories:
* As a user, I want to be able to search for available trains based on my travel date and destination.
* As a user, I want to be able to select a train and book a ticket for my journey.
* As a user, I want to be able to view my booked tickets and track the status of my journey.
* As an administrator, I want to be able to view and manage the list of available trains and their schedules.
* Tasking:  
  The development team will break down the user stories into tasks and estimate the effort required for each task.
* Issues and Risks:   
  There are no major issues or risks for the first iteration.
* Dependencies and Assumptions:

The development team assumes that the necessary infrastructure, such as servers and databases, will be set up and ready for use by the start of the first iteration.

* “Commitment”:   
  The development team is committed to delivering the core features of the reservation system and setting up the necessary infrastructure by the end of the first iteration.
* Actions:  
  The development team will schedule regular meetings with the product owner to review progress and address any issues or concerns.
* Retrospect:  
  At the end of the first iteration, the development team will conduct a retrospective to review the progress made and identify areas for improvement in the next iteration.

Total estimated time: 40-60 hours

Note: The time estimates provided above are tentative and subject to change based on actual progress during the iteration.

Iteration 2: