Iteration Planning with the Product Owner

Iteration 2:

* Introduction:

The first iteration of the Railway Reservation and Tracking project will focus on implementing additional features and enhancing the functionality of the reservation system.

* Vision and Roadmap:

The vision for the project remains the same, which is to provide a user-friendly and efficient railway reservation and tracking system. The roadmap for the project includes implementing the core features in the first iteration and adding additional features in the subsequent iterations.

* Number of user stories fit:

The number of user stories that can fit into the second 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 development phase, with the core features and infrastructure set up in the first iteration.

* Iteration Theme / Name:

The theme for the second iteration is "Enhanced Booking and Tracking Features".

* Prior Data:

The data gathered and implemented in the first iteration will be carries forward for the second iteration.

* Dates:

The second iteration will begin on April 12th and end on May 29th.

* Capacity:

The development team has a capacity of 60 hours per week for the second iteration.

* Issues / Logistics:  
  There are no major issues or logistics identified for the second iteration at this time.
* DOD:  
  The Definition of Done for the second iteration includes implementing the additional features for booking and tracking, ensuring proper functionality, and preparing for user testing.
* Backlog Extract:  
  The backlog extract for the second iteration includes the following user stories:
* As a user, I want to be able to view and select different seat options for my train journey.
* 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 have an overview of ticket bookings and generate reports
* As an administrator, I want to be able to view and manage the list of available trains and their schedules and manage bookings (Train Ticket, Doctor, Coolie, Meal, Feedback)
* 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 second iteration.
* Dependencies and Assumptions:

The development team assumes that the necessary infrastructure, such as servers and databases, will continue to be available and functional throughout the second iteration.

* “Commitment”:   
  The development team is committed to delivering the core the enhanced booking and tracking features by the end of the second 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 seconditeration, 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.