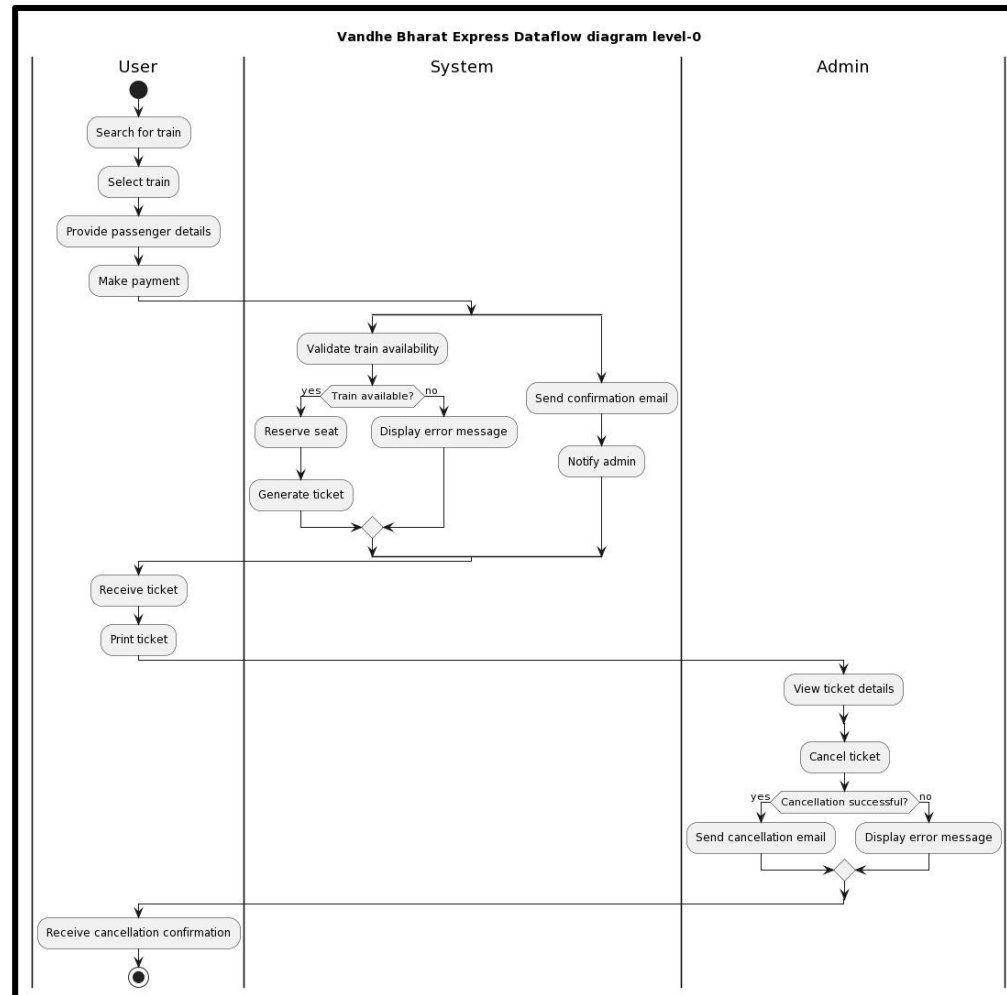


## Project Design Phase-II

### Data Flow Diagram & User Stories

<b>Date</b>	<b>20 October 2023</b>
<b>Team ID</b>	<b>Team-591212</b>
<b>Project Name</b>	<b>Project - Vande Bharat Express</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

### Data Flow Diagram:



## User Stories11

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Passenger	Ticket Booking and Reservation	US-001	As a passenger, I want to be able to book train tickets and make seat reservations for the Vande Bharat Express easily and efficiently.	<ol style="list-style-type: none"><li>1. The system should allow me to select travel dates and destinations.</li><li>2. I should be able to view available seat options and pricing.</li><li>3. The system should provide a secure payment gateway for ticket booking.</li><li>4. I want to receive a confirmation email with e-tickets.</li></ol>	High	Version 2.0
Train Crew	Onboard Services Management	US-002	As a train crew member, I want a digital platform that helps me manage onboard services efficiently, including meal service, passenger requests, and entertainment.	<ol style="list-style-type: none"><li>1. The system should provide a dashboard for managing passenger requests.</li><li>2. Crew members should be able to view meal orders and dietary preferences.</li><li>3. Entertainment controls should be accessible from the platform.</li></ol>	Medium	Version 2.0
Maintenance Team	Predictive Maintenance	US-003	As a member of the maintenance team, I need access to a predictive maintenance system that alerts us to potential issues before they cause service disruptions.	<ol style="list-style-type: none"><li>1. The system should monitor real-time sensor data for anomalies.</li><li>2. It should provide alerts for potential maintenance requirements.</li><li>3. Maintenance schedules and notifications should be easily accessible.</li></ol>	High	Version 3.0

Passenger	Passenger Feedback and Improvement	US-004	As a passenger, I want to be able to provide feedback, make service requests, and receive real-time updates on my service requests.	<p><b>1.</b> The system should allow me to submit feedback and service requests via a mobile app.</p> <p><b>2.</b> I should receive real-time updates on the status of my requests.</p> <p><b>3.</b> Feedback should be analyzed and used for continuous service improvement.</p>	Medium	Version 2.0
Management	Data Analysis and Reporting	US-005	As a member of the management team, I want access to data analysis and reporting tools for decision-making and performance tracking.	<p><b>1.</b> The system should provide a performance metrics dashboard.</p> <p><b>2.</b> Predictive analytics models should help in decision-making.</p> <p><b>3.</b> Reports on passenger feedback and service quality should be accessible.</p>	High	Version 3.0