

Software Project Management
Sub Code : CS6022
Team -1
Project Title : NextStop - Online Travel
Booking System

TABLE OF CONTENT

S.NO	TOPICS	PAGE NO
1	Team Members	3
2	Introduction	3
3	Scope	3
4	Architechture Diagram	4
5	Tools	4
6	Tech Stack	4
7	Future Scope	4

1. Team Members

1. Project Manager (PM)	– Malarvannan M
2. Technical Lead / Developer	– Udhya Kumar K
3. Database / Backend Specialist	– Bose B
4. Frontend / UI Devepoler	– Malarvannan M
5. Quality Assurance(QA) Lead	– Shreya Sankaran
6. Documentation & Knowledge Manager	– Vedalakshmi K
7. Monitoring & Reporting Lead	– Akash S
8. Collaboration & Communication Coordinator	– Guru Aravindan V

2.Introduction

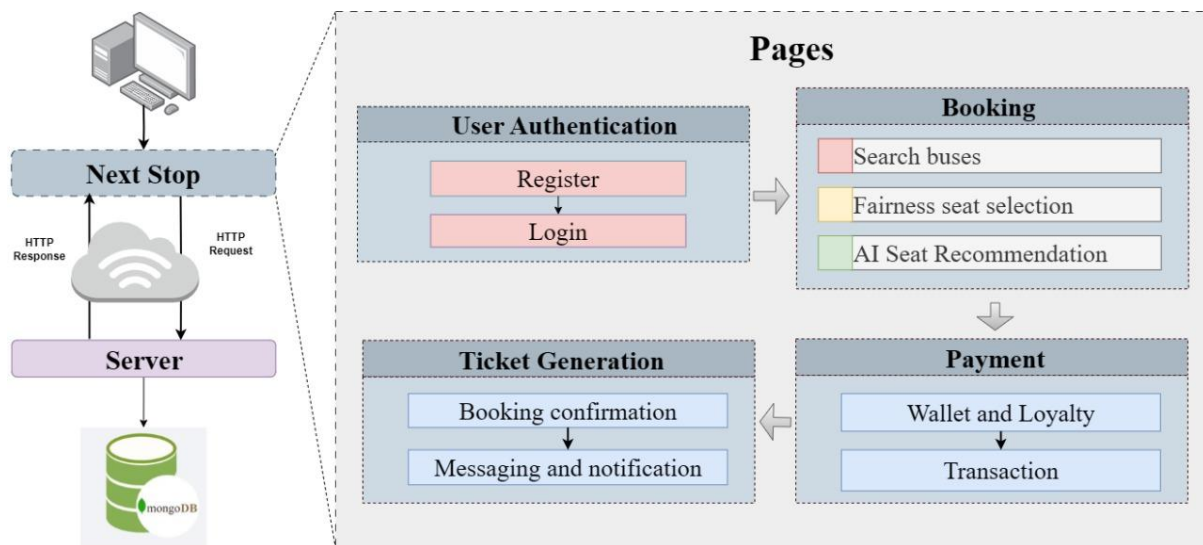
- A web-based platform for reserving bus tickets online.
- Eliminates the need for physical booking counters.
- Provides real-time seat availability and booking confirmation
- Offer secure payment options for convenience.
- Enhances the traditional booking process with AI-powered features and personalized experience.

3.Scope

User Features:

- AI-powered seat recommendation
- Booking fairness system for certain buses
- Wallet and loyalty points
- Multilingual support
- Payment gateway integration
- Notifications and alerts

4. Architecture Diagram



5. Tools

- Jira - Task management and tracking
- ProjectLibre - Project planning and scheduling
- Google chat - Team communication
- Etherpad lite- Documentation

6. Tech Stack

- Frontend: React,Tailwind CSS
- Backend: Express,Node
- Database: Mongo
- Version control: GitHub
- Testing: Jest , Mockingoose

7.Future Scope

- Development of a Landing Page with user-friendly navigation
- Database design and integration (schema, user, booking, bus, and transaction tables)
- Implementation of Ticket Summary & Payment Pages for complete booking flow