**Version History Document**

**Bus Booking System**

Team Members:

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**Version History**

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**Version 1.0 - Initial Project Setup**

**Date: August 10, 2024**

- We set up the project repository and directory structure.

- Defined the core requirements for the bus booking system.

- Created initial UML diagrams to map out the system architecture.

**Contributors:**

- Navapara Jenil (Handled project setup and initial planning)

- Mansuri Rais (Assisted with brainstorming and requirement analysis)

- Patel Nitya (Contributed to the requirement analysis)

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**Version 1.1 - User and Admin Classes Creation**

**Date: August 14, 2024**

- Developed the `User` and `Admin` classes.

- Implemented basic methods for user authentication.

- Set up the admin login functionality.

**Contributors:**

- Navapara Jenil (Implemented classes and authentication functionality)

- Mansuri Rais (Reviewed code and assisted with user validation)

- Patel Nitya (Helped with admin functionality setup)

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**Version 1.2 - Bus Class and Admin Bus Management**

**Date: August 19, 2024**

- Created the `Bus` class to manage bus information.

- Added admin methods for adding and editing bus details.

- Added some pre-populated bus data for testing.

**Contributors:**

- Navapara Jenil (Developed the `Bus` class and admin management features)

- Mansuri Rais (Tested bus management functionality)

- Patel Nitya (Contributed to bus data creation)

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**Version 1.3 - User Booking Functionality**

**Date: August 24, 2024**

- Implemented the booking functionality for users.

- Enabled users to search for available buses by route and book seats.

- Added seat availability tracking.

**Contributors**:

- Navapara Jenil (Developed booking functionality and seat tracking)

- Mansuri Rais (Tested and provided feedback on the booking process)

- Patel Nitya (Helped refine the booking interface)

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**Version 1.4 - Cancel Ticket Feature**

**Date: August 29, 2024**

- Developed the cancel ticket feature for users.

- Allowed users to view their booked tickets and cancel them if needed.

- Added error handling for invalid ticket cancellations.

**Contributors:**

- Navapara Jenil (Developed and tested the cancel ticket feature)

- Mansuri Rais (Assisted with error handling)

- Patel Nitya (Reviewed and refined the cancellation functionality)

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**Version 1.5 - User and Admin Data Handling Improvements**

**Date: September 3, 2024**

- Improved handling of user and admin data.

- Added new methods for fetching user information and displaying all booked buses.

- Optimized data structure usage for faster lookups.

**Contributors:**

- Navapara Jenil (Optimized data structures and handling)

- Mansuri Rais (Tested the new data handling features)

- Patel Nitya (Reviewed and refined the improvements)

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**Version 1.6 - Final Testing and Bug Fixes**

**Date: September 5, 2024**

- Conducted thorough testing of the entire system.

- Fixed bugs related to booking, admin editing, and seat availability.

- Completed final documentation for the project.

**Contributors:**

- Navapara Jenil (Final testing, bug fixes, and documentation ,Helped with bug fixing and documentation)

- Mansuri Rais (Tested edge cases and assisted with final checks)

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**Conclusion:**

Over the course of 26 days, our team of three worked diligently on the Bus Booking System. Each member made significant contributions, ensuring all functionalities were thoroughly tested and efficiently implemented.