| **Section** | **Description** |
| --- | --- |
| Project Title | Sky Wings- Flight Ticket Booking Website |
| Project Objective | Develop a user-friendly flight ticket booking website to facilitate easy search, comparison, and booking of flights, aiming to maximize user satisfaction and convenience. |
| Scope Definition | Flight Search, Booking Management, User Registration and Profile Management, Ticket details, Admin Dashboard, Database Management. |
| Project Manager and Team | **Project Manager:** Tejaswini Pydipally **Development Team (Frontend):** Manuja Prasadam, Sai Swathi Thota **Development Team (Backend):** Nikhitha Sree Atluri,Tejaswini Pydipally  **Testers:** Mahesh Polam, Vikas Allam **Stakeholders:** UdayKiranreddy Devarapally , Namruth Potla |
| Project Deliverables | A fully functional website allowing users to search for flights and book tickets seamlessly. User registration, Database management, ticket information and profile management system. An admin dashboard for managing bookings and flight data. |
| Milestones | | **Milestone 1: Frontend Development (25%)(2/14/2024 to 2/29/2024)** | | --- | | Design user interface | | Implement frontend framework and structure | | Develop flight search | | Implement user registration and profile |  | **Milestone 2: Backend Development and Database Setup (25%)(3/1/2024 to 3/20/2024)** | | --- | | Set up database schema and architecture | | Develop backend APIs for flight data retrieval and booking | | Implement user authentication and authorization |  | **Milestone 3: Integration of Flight Search and Booking Features (25%)(3/21/2024 to 4/20/2024)** | | --- | | Integrate frontend and backend systems | | Implement ticket information retrieval from database | | Develop admin dashboard for managing bookings |  | **Milestone 4: Testing and Deployment (25%)(4/20/2024 to 4/29/2024)** | | --- | | Conduct unit testing for frontend and backend components | | Perform integration testing for end-to-end functionality | | Deploy website to production environment | |
| Cost Estimation | Budget: $500,000.00 |
| Start and End Date | **Start Date:** 2/14/2024 **End Date:** 4/29/2024 |
| Communication Plan | Regular team meetings, weekly progress reports, bi-weekly stakeholder updates, and an online project management tool for documentation and tracking. |
| Risks | Technical challenges in integrating with airline APIs and payment gateways. Security vulnerabilities leading to data breaches or fraudulent activities. Delays in development due to unforeseen complexities or changes in requirements. |
| Constraints | -Budget constraints may limit the scope or quality of features implemented. Time constraints may affect the thoroughness of testing and quality assurance processes. Resource constraints, such as availability of skilled developers or hardware/software limitations, may impact project progress. |
| References | Competitor Analysis, Market Research, Industry Best Practices. |

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**Team Members Names:**

Maheswar Reddy Polam

Tejaswini Pydipally

Namruth Potla

Nikhitha sree Atluri,

Manuja prasadam

Udaykiranreddy Devarapally

Vikas Allam,

Sai Swathi Thota