PROJECT PLANNING & SCHEDULING

Date	**25-06-2025**
Team Id	**LTVIP2025TMID29760**
Project Name	**AirLine Management System**
College Name	**Ideal Institute Of Technology**

Team Planning: Airlines Management System

1. Team Structure

Role	Name	Responsibilities
Project Manager	Santosh Tivari	Oversees the entire project, manages sprints, facilitates communication
Salesforce Admin	Santosh Tivari	Creates objects, fields, user roles, profiles, schema builder
Salesforce Developer	Harini	Writes Apex classes, triggers, test classes, and automation scripts

Role	Name	Responsibility
Business Analyst	Santosh Tivari	Gathers requirements, translates them into user stories and backlogs
QA/Test Engineer	Harini	Conducts testing of objects, workflows, triggers, and validations
UI/UX Designer	Harini	Designs user-friendly interfaces, Lightning pages, and tab navigation
Data Analyst	Vijay	Designs and manages reports and dashboards for stakeholders
Scrum Master	Siri Babu	Facilitates Agile ceremonies, resolves blockers, ensures timely sprint delivery

2. Sprint Responsibilities

Sprint	Focus Area	Roles Involved
Sprint 1	Developer setup, object & field creation	Admin, BA, PM
Sprint 2	Navigation, relationships, user setup	Admin, BA, QA, Scrum Master

Sprint 3	Apex logic, reporting & dashboards	Developer, Data Analyst, QA, PM
Sprint 4	Flows, schema, test data, review	Admin, Developer, QA, Designer

3. Workload Estimation by Role

Role	Total Estimated Hours	Key Tasks
Project Manager	20–30 hrs	Planning, meetings, stakeholder updates
Salesforce Admin	40–50 hrs	Object creation, schema, roles, profiles, flows
Salesforce Developer	30–40 hrs	Apex classes, triggers, test classes
Business Analyst	20 hrs	Backlog creation, user stories, requirements gathering
QA/Test Engineer	20–30 hrs	Functional and validation testing, test cases
UI/UX Designer	10–15 hrs	Lightning pages, app UI planning
Data Analyst	15–20 hrs	Report design, dashboard creation, data review

Scrum Master	15–20 hrs	Sprint review, retrospectives, daily standups

4. Tool Stack

Category	Tools Used
CRM Platform	Salesforce Developer Edition
Communication	Slack, Email, Zoom
Documentation	Google Docs, Confluence
Task Tracking	Jira, Trello
Testing	Salesforce Test Framework, Manual
Version Control	Git (for Apex classes and scripts)