

PROJECT PLANNING & SCHEDULING

Date	25-06-2025
Team Id	LTVIP2025TMID31533
Project Name	Air Line Management System
College Name	Ideal Institute Of Technology

Team Planning: Airlines Management System

1. Team Structure

Role	Name	Responsibilities
Project Manager	Vishal Manibabu Kasukurthi	Oversees the entire project, manages sprints, facilitates communication
Salesforce Admin	Sankar Danduproluu	Creates objects, fields, user roles, profiles, schema builder
Salesforce Developer	Sathi Grishmanjana	Writes Apex classes, triggers, test classes, and automation scripts
Business Analyst	Vishal Manibabu Kasukurthi	Gathers requirements, translates them into user stories and backlogs
QA/Test Engineer	PremSagar	Conducts testing of objects, workflows, triggers, and validations
UI/UX Designer	Sankar Danduproluu	Designs user-friendly interfaces, Lightning pages, and tab navigation

Role	Name	Responsibilities
Data Analyst	Sathi Grishmanjana	Designs and manages reports and dashboards for stakeholders
Scrum Master	PremSagar	Facilitates Agile ceremonies, resolves blockers, ensures timely sprint delivery

2. Workload Estimation by Role

Sprint	Focus Area	Roles Involved
Sprint 1	Developer setup, object & field creation	Admin, Business Analyst (BA), Project Manager (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)