PROJECT PLANNING & SCHEDULING

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| --- | --- |
| **Date** | **25-06-2025** |
| **Team Id** | **LTVIP2025TMID31548** |
| **Project Name** | **field service workorder optimization** |
| **College Name** | **Ideal Institute Of Technology** |

Team Planning: Airlines Management System

1. **Team Structure**

| **Role** | **Name** | **Responsibilities** |
| --- | --- | --- |
| Project Manager | Yamini | Oversees the entire project, manages sprints, facilitates communication |
| Salesforce Admin | Yamini | Creates objects, fields, user roles, profiles, schema builder |
| Salesforce Developer | Yamini | Writes Apex classes, triggers, test classes, and automation scripts |
| Business Analyst | Yamini | Gathers requirements, translates them into user stories and backlogs |
| QA/Test Engineer | Yamini | Conducts testing of objects, workflows, triggers, and validations |
| UI/UX Designer | Yamini | Designs user-friendly interfaces, Lightning pages, and tab navigation |
| Data Analyst | Yamini | Designs and manages reports and dashboards for stakeholders |
| Scrum Master | Yamini | 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**

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| --- | --- | --- |
| 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 |

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

**4. Tool Stack – Field Service Work Order Optimization**

| **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 Testing |
| **Version Control** | Git (for Apex classes, triggers, and automation scripts) |