User Acceptance Testing (UAT) Template

Date	26 JUNE 2025 to 28 JUNE 2025
Team ID	LTVIP2025TMID31510
Project Name	Airlines Management System
Maximum Marks	

Project Overview:

- **Project Name:** Airlines Management System
- **Project Version:** 2.0.1
- **Testing Period:** 26 JUNE 2025 to 28 JUNE 2025

Project Description:

The **Salesforce Airlines Management System** is a comprehensive cloud-based solution designed to digitize and streamline flight operations, crew management, and passenger bookings for airline companies. Built on the Salesforce platform, it leverages custom objects, automation flows, dashboards, and role-based access controls to ensure efficient, real-time management of aviation processes.

The application allows airline staff to schedule flights, assign crew, and manage bookings from a centralized interface. Crew managers can assign pilots and flight staff based on availability, while booking agents can add and manage passenger records with ease. Administrators benefit from real-time dashboards, crew utilization reports, and automated alerts for issues like crew conflicts or low passenger count. The system utilizes Salesforce tools such as Apex, Process Builder, Flows, and Lightning Dashboards to deliver a highly scalable and customizable experience aligned with airline operational needs.

By improving scheduling accuracy, reducing manual effort, and increasing visibility into operations, the system enhances overall service efficiency, safety, and passenger satisfaction.

Testing Scope:

List of Features and Functionalities to be Tested:

- User Registration and Login
- Flight Creation and Booking Management (CRUD)
- Crew Assignment and Conflict Alerts
- Dashboard and Operational Reporting
- Role-based Access Control

List of User Stories or Requirements to be Tested:

- **USN-1 to USN-5:** (User Registration, Login, Email Confirmation)
- **Flight Management User Stories:** (e.g., Add Flight, Assign Crew, Add Passenger, etc.)

Testing Environment:

- ☐ **URL:**

  [Salesforce Email Verification Link](#)

- ☐ **Credentials for Testing:**
  - **Username:** maheshreddynaguluru276@agentforce.com
  - **Password:** TDg5IsMtw4ocorx

Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration via Email	1. Navigate to Registration Page2. Enter Email & Password3. Submit Form	User should receive confirmation email and account created successfully	User received email and was redirected to dashboard	**Pass**
TC-002	Add New Flight Record	1. Login as Admin2. Go to Flight Management3. Click "Add Flight" and Fill Details4. Save	New flight record created and visible in flight list	Flight successfully added and shown in flight dashboard	**Pass**
TC-003	Crew Assignment	1. Login as Crew Manager2. Open a Flight3. Assign available crew4. Save	Crew assigned and visible in flight details	Crew members correctly assigned and reflected on record	**Pass**
TC-004	Booking Passenger Ticket	1. Login as Booking Agent2. Navigate to Booking Module3. Fill Passenger Details4. Submit	Booking is saved and confirmation displayed	Passenger booking created and appears in related flight bookings	**Pass**

Bug Tracking:

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Error when saving flight without departure date	1. Login2. Add Flight3. Leave "Departs From" or Date empty4. Click Save	**High**	**Open**	Add frontend validation and warning

Sign-off:

- **Tester Name:** Mahesh Reddy Naguluru
- **Testing Duration:** 26 JUNE 2025 to 28 JUNE 2025
- **Signature:** Mahesh Reddy Naguluru