

**Use Case:** Admin dashboard.

- **Actors:** Admin
- **Description:** Admin views KPI, flights, accounts
- **Precondition:** Admin is logged into the system.
- **Postcondition:** Admin can manage flights, accounts, discounts.

**Scenario:**

1. Admin logs into the dashboard.
2. Admin views a list of flights.
3. Admin views bookings and accounts.
4. Admin views KPI
5. Admin can apply a discount if applicable.
6. Admin logs out.

**Exception Scenarios**

- **E1:** Admin fails to log in due to incorrect credentials.
- **Response:** Display an error message and prompt to try again.
- **E2:** Admin tries to search a flight with incorrect details.
- **Response:** Display input validation errors, prompting correction.
- **E3:** Admin tries to update a booking with an invalid booking ID.
- **Response:** Display an error message that the booking ID is invalid.

**Test Scenarios**

1. **Login Test:**
  - Valid credentials → Admin logs in successfully.
  - Invalid credentials → Error message displayed.
2. **View Flights Test:**
  - List of flights is displayed correctly.
  - Can manage flights
3. **View Account Test:**
  - List of accounts is displayed correctly

- Can manage accounts
4. **Change Booking Status Test:**
- Valid booking ID → Status updated successfully.
  - Invalid booking ID → Error message displayed.
5. **Apply Discount Test:**
- Valid Discount ID → Discount applied correctly.
  - Invalid Discount ID → Display error message.
6. **View KPI**
- KPI shows realtime data
  - Easy to understand statistics

## **Result**

- Admin succesfully views and manages flights,accounts,kpi