

a. **Team:**

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b. **Title:** Flight Reservation Application

c. **Description:** An application that enables users to reserve a airplane booking for travel on specified date and between specified airports.

d. **Actors:**

- Customer—Books flights on the application, i.e., potential passenger
- Admin—Maintains the system and manages bookings when necessary

e. **Functionality:**

- i Customer can sign up
- ii Customer can sign in
- iii Customers can make flight reservation
- iv Customers can cancel reservation
- v Customers can select seats
- vi Customer can change reservation date; may entail paying extra
- vii Customer can check-in for their flight within 24 hours
- viii Admin can cancel reservations
- ix Admin can book reservation
- x Admin can query the database to see any passenger details
- xi Customers can request meal type and in-flight entertainment
- xii Customer can change in booking class based on seat availability

f. **Stretch Functionality:**

- i Customers can buy extra checkin bag privileges
- ii Customers can book multi-city routes
- iii Customers can view deals or offers available for certain routes
- iv Customers can earn frequent flyer points that allows them to upgrade class