a. **Team:**

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b. **Title:** Flight Reservation Application

c. **Description:** An application that enables users to reserve an 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 Customer can search for flights based on source, destination and dates

   iv Customers can make flight reservation

   v Customers can cancel reservation

   vi Customers can select seats

   vii Customer can modify booking (date and booking class); may entail paying extra

   viii Customer can check-in for their flight within 24 hours

   ix Admin can cancel reservations

   x Admin can book reservation

   xi Admin can query the database to see any passenger details

   xii Customers can request meal type and in-flight entertainment

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