

1. **Name:** Javier Ramirez
2. **Title:** Flight Service
3. **Project Summary:** A flight service that clients can keep track of their flights, booked flights and expected arrivals. Admin will be able to track the clients' information and make sure everything is running smoothly by checking the vacant seats on a specific flight. I will set this up for one client.
4. **Project Requirements:**

ID	Requirement	Responsibility	Actor	Priority
UR-001	As the user, I can pick between the admin or the customer.	Start	User	Critical
UR-002	As the admin, I can check vacancy of seats on a specific flight.	Administration functionality	Admin	Moderate
UR-003	As the admin, I want to search a customer by their username.	Administration functionality	Admin	Moderate
UR-004	As the customer, I want to input my information and receive a reference number.	Customer	Customer	Critical
UR-005	As the customer I can select a destination which has multiple flights.	Customer	Customer	Critical
UR-006	Multiple flights with details about each flight that a customer can choose from	Backend	Customer	Critical
UR-007	As a customer, after selecting flights, I can check out.	Customer	Customer	Critical
UR-008	As a customer, I must agree to the payment amount.	Customer	Customer	Critical

5. UI Mockups:

Customer

Start Screen	Customer Info	After userinput
Admin: (Type1) Customer: (Type2)	First name: Last name: Cellphone :	Reference number: (Reference number is generated)

Pathfinder	Pathfinder
Flights in Colorado Start: Boulder (Type1) Fort Collins (Type2) Colorado springs (Type3) Denver (Type4) Pueblo (Type5)	Flights in Colorado End: Boulder (Type1) Fort Collins (Type2) Colorado Springs (Type3) Denver (Type4) Pueblo (Type5)

Flight
Dates and Times available: Start time: <u>9:00 am</u> end time: <u>12:00 pm</u> duration: <u>3 hours</u> Cost: <u>\$ 80.00</u> Flight Number: <u>242</u> (Type1) (Type...)

Checkout

Total amount: \$80.00

Select payment method: Visa (Type 1) master card (Type 2) Paypal (Type 3) Apple pay (Type 4)

Agree to payment: Yes (Type 1) NO (Type 2)

If Yes

Flight Booked!!

Admin

Start Screen

Admin: (Type 1)
Customer: (Type 2)

Menu

Check vacancy of flights (Type 1)
Search for client (Type 2)

Flights

Flight number: 242
Vacancy seats: 5

Search Client

Enter name: Javier Ramirez
From: Denver To: Colorado Springs start time: 9:00am end time: 12:00pm duration: 7 hours cost: \$80.00

6. Class Diagram

