

# User Stories with Acceptance Criteria

1. As a customer, I can book a flight using full name, birth date, email, and phone number so that I am the owner of the booking

## Acceptance Criteria

- a. Customer can book a flight.
- b. customer can't book a flight if there are no available seats
- c. customer can't book a flight without first and last name
- d. customer can't book a flight without birth date
- e. customer can't book a flight without email
- f. customer can't book a flight without phone number

2. As a customer, I can search a flight by date, departure city, and destination city so that I can book flights.

## Acceptance Criteria

- a. customer can search flights
- b. customer can't search flights without date
- c. customer can't search flights without departure city
- d. customer can't search flights without destination city
- e. search should return 'no flights found' message if search criteria do not match any existing flight

3. As a customer, I can sign up for an account using email and password, so that I can save my information and flight details on my account.

## Acceptance Criteria

- a. customer can sign up.
- b. customer can't signup without email and password
- c. customer can't signup without personal details such as full name, date of birth

- d. customer can't use invalid email
- e. customer can't reuse an email already existing in the system
- f. customer can't use password with length less than 8

## Story Main Scenarios

### 1. **Book a flight**

#### Main Flow

- a. Customer puts in date of travel
- b. Customer puts in departure city
- c. Customer puts in destination city
- d. Customer searches for flights using the selected options
- e. System lists all available flights that match the provided options
- f. Customer views a suitable flight from the search result
- g. Customer books the flight using their full name, date of birth, email, and phone number
- h. System shows confirmation of the booking

### 2. **Search a flight**

#### Main Flow

- a. Customer puts in date of travel
- b. Customer puts in departure city
- c. Customer puts in destination city
- d. Customer searches for flights using the selected options
- e. System lists all available flights that match the provided options

### 3. **Sign up**

#### Main Flow

- a. customer puts in their email address
- b. customer puts in a password with length of at least 8
- c. customer provides personal details such as full name, date of birth
- d. customer signs up to the system

- e. system validates the email doesn't exist in the database
- f. system validates that the password length is atleast 8
- g. system registers the email and password in the database
- h. system registers personal details of the customer in the database
- i. system shows that the information has been saved
- j. System takes the customer to the login page