| **Title:** | **Create Account** |
| --- | --- |
| **Description:** | Allow a user to create either a passenger or a pilot account. |
| **System Under Design:** | Account Management System |
| **Primary Actor:** | User generalizes Pilot and Passenger |
| **Participants:** | Account Authentication |
| **Goal:** | The user will have an account that they can then authenticate with to access their data |
| **Following Use Cases:** | Generalizes Create Passenger Account and Create Pilot Account |
| **Invariant:** | NA |
| **Precondition:** | none |
| **Success Postcondition:** | A persistent account is created in the database which the user can log into with the credentials they created |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. The User inputs credentials into the signup page.  3. Account authentication receives the information and checks to see if an account with the username exists or not.   1. The account does not exist, send open or 2. The account does exist, send closed to system   5.   1. Account authentication creates account and returns message “Account Created Successfully”   7. The User sees the response message. | **System Response**:  2. The system receives the information and sends the email to account authentication to check availability.  4. The system gets the response from account authentication   1. Sends info to User authentication to be created or 2. Create message “Account already exists for this email. Login or try a different email.”   6. Display message |

| **Title:** | **Create Passenger Account** |
| --- | --- |
| **Description:** | Allows a user to create a passenger account |
| **System Under Design:** | Account Management System |
| **Primary Actor:** | Passenger |
| **Participants:** | Account Authentication |
| **Goal:** | The passenger will have an account that they can then authenticate with to access their data |
| **Following Use Cases:** | Extends Edit Passenger Account |
| **Invariant:** | NA |
| **Precondition:** | none |
| **Success Postcondition:** | A persistent account is created in the database which the user can log into with the credentials they created |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. The User inputs credentials into the signup page.  3. Account authentication receives the information and checks to see if an account with the username exists or not.   1. The account does not exist, send open or 2. The account does exist, send closed to system   5.   1. Account authentication creates a passenger account and returns message “Account Created Successfully”   7. The User sees the response message. | **System Response**:  2. The system receives the information and sends the email to account authentication to check availability.  4. The system gets the response from account authentication   1. Sends info to User authentication to be created or 2. Create message “Account already exists for this username. Try a different username”   6. Display message |

| **Title:** | **Create Pilot Account** |
| --- | --- |
| **Description:** | Allows a user to create a pilot account |
| **System Under Design:** | Account Management System |
| **Primary Actor:** | Pilot |
| **Participants:** | Account Authentication |
| **Goal:** | The pilot will have an account that they can then authenticate with to access their data |
| **Following Use Cases:** | Extends Edit Pilot Account |
| **Invariant:** | NA |
| **Precondition:** | none |
| **Success Postcondition:** | A persistent account is created in the database which the user can log into with the credentials they created |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. The User inputs credentials into the signup page.  3. Account authentication receives the information and checks to see if an account with the username exists or not.   1. The account does not exist, send open or 2. The account does exist, send closed to system   5.   1. Account authentication creates a pilot account and returns message “Account Created Successfully”   7. The User sees the response message. | **System Response**:  2. The system receives the information and sends the email to account authentication to check availability.  4. The system gets the response from account authentication   1. Sends info to User authentication to be created or 2. Create message “Account already exists for this username. Try a different username”   6. Display message |

| **Title:** | **Edit Passenger Account** |
| --- | --- |
| **Description:** | Allows a passenger to edit the information within their account |
| **System Under Design:** | Account Management |
| **Primary Actor:** | Passenger |
| **Participants:** | Account Authentication |
| **Goal:** | A passenger can change and edit the information on their account |
| **Following Use Cases:** | Extended by Create Passenger Account |
| **Invariant:** | NA |
| **Precondition:** | The passenger user must be logged in |
| **Success Postcondition:** | The information under the account has been changed |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. Passenger   1. Clicks the edit button or 2. From create account, clicks continue account setup   3. The passenger can change what is in the given spaces and   1. Clicks save or 2. Clicks cancel   5. The passenger can see the message displayed | **System Response**:  2. The system displays the passenger edit page filled with what exists previously  4. The system either   1. Save the changes and displays “changes saved” or 2. Disregards the changes and displays “changes canceled” |

| **Title:** | **Edit Pilot Account** |
| --- | --- |
| **Description:** | Allows a pilot to edit the information within their account |
| **System Under Design:** | Account Management |
| **Primary Actor:** | Passenger |
| **Participants:** | Account Authentication |
| **Goal:** | A pilot can change and edit the information on their account |
| **Following Use Cases:** | Extended by Create Pilot Account |
| **Invariant:** | NA |
| **Precondition:** | The pilot user must be logged in |
| **Success Postcondition:** | The information under the account has been changed |

| **Steps:** |  |
| --- | --- |
| **Actor**:   1. Pilot 2. Clicks the edit button or 3. From create account, clicks continue account setup   3. The pilot can change what is in the given spaces and   1. Clicks save or 2. Clicks cancel   5. The pilot can see the message displayed | **System Response**:  2. The system displays the pilot edit page filled with what exists previously  4. The system either   1. Save the changes and displays “changes saved” or 2. Disregards the changes and displays “changes canceled” |

| **Title:** | **Make Payment** |
| --- | --- |
| **Description:** | Allow a passenger user to make a payment to a pilot user |
| **System Under Design:** | Account Interaction System |
| **Primary Actor:** | Passenger |
| **Participants:** | Pilot |
| **Goal:** | Allow passenger to pay pilots for a booked trip |
| **Following Use Cases:** | none |
| **Invariant:** | The trip being paid for must not be canceled, and both user accounts must not be deleted or become disallowed from financial transactions |
| **Precondition:** | The passenger must have booked a trip with the pilot in question |
| **Success Postcondition:** | The pilot must receive the money from the passenger |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. Passenger clicks make payment button  3. Passenger clicks confirm payment button  5. Passenger sees confirmation | **System Response**:  2. The system displays the payment page which displays the total cost to be payed  4. The system routes money to the specified pilot and displays a confirmation |

| **Title:** | **Contact a Passenger** |
| --- | --- |
| **Description:** | A text conversation is started between a pilot user and a passenger user, using this service as a middle man so the both parties may communicate without having to share their phone numbers |
| **System Under Design:** | Account Interaction System |
| **Primary Actor:** | Pilot |
| **Participants:** | Passenger |
| **Goal:** | Allow communication between pilots and passengers who are in the same trip route without giving away personal information |
| **Following Use Cases:** | none |
| **Invariant:** | Neither account contact information must change |
| **Precondition:** | Both accounts must be authenticated and a passenger must have sent a message request |
| **Success Postcondition:** | Communication channel is set up between pilot and passenger without exchanging personal information |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. The pilot clicks accept message request button from message request  3. The pilot gets a success message and can now access the message channel to that passenger account | **System Response**:  2. The system sets up a message channel between the pilot and the passenger and notifies the passenger and the pilot of the change. |

| **Title:** | **Contact a Pilot** |
| --- | --- |
| **Description:** | A text conversation is started between the pilot user and passenger, using our service as a middle man so that both parties can communicate without providing their phone number if they don’t want to |
| **System Under Design:** | Account Interaction System |
| **Primary Actor:** | Passenger |
| **Participants:** | Pilot |
| **Goal:** | Allow communication between pilots and passengers without providing personal information (phone number) |
| **Following Use Cases:** | none |
| **Invariant:** | Neither account contact information can change |
| **Precondition:** | Both accounts must be authenticated |
| **Success Postcondition:** | A message request is sent to the pilot |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. Passenger clicks request message button on a pilot’s page  3. Passenger sees the message | **System Response**:  2. The system checks to see if a message channel exists   1. If it does not, it sends a request to the pilot and displays the message “message request successfully sent” 2. If it does, it displays the message “message contact already exists, go to your messages to contact this pilot” |

| **Title:** | **Write a Review** |
| --- | --- |
| **Description:** | A review is sent to the Pilot directly about the passengers experience on the trip, and said review is added to the database |
| **System Under Design:** | Account Interaction System |
| **Primary Actor:** | Passenger |
| **Participants:** | Pilot |
| **Goal:** | Allow for other passenger users to see review of pilots before booking a flight with them, also plot user to take feedback from the passenger user so that they can provide the best experience possible |
| **Following Use Cases:** | none |
| **Invariant:** | NA |
| **Precondition:** | Both account must be authenticated, and a booked flight must have been completed |
| **Success Postcondition:** | Passenger users are able to tell the pilot and other passengers who will in the future be using this pilot about their experience |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. Passenger clicks write a review button  3. Passenger enters review and clicks send  5. The Passenger can see the message | **System Response**:  2. The system displays review popup  4. The system sends the review to the pilot and adds it to the pilot’s reviews and sends a confirmation message to the Passenger |

| **Title:** | **Respond to a Review** |
| --- | --- |
| **Description:** | A pilot is able to post a response to a review sent by a passenger |
| **System Under Design:** | Account Interaction System |
| **Primary Actor:** | Pilot |
| **Participants:** | Passenger |
| **Goal:** | Allow pilots to respond to reviews such that that particular passenger and other passengers may see it |
| **Following Use Cases:** | none |
| **Invariant:** | NA |
| **Precondition:** | A passenger must have written a review after having taken a flight |
| **Success Postcondition:** | Passengers can see the response under the review given by a specific passenger |

| **Steps:** |  |
| --- | --- |
| **Actor**:  1. Pilot clicks respond to review  3. Pilot enter the response and clicks send  5. The pilot sees the confirmation message | **System Response**:  2. The system displays the review response popup  4. The system attaches the response to the review and displays a confirmation message to the pilot |



