PROJECT – FLY SHARE

**FEATURES –**

1.Landing page (sign in,sign up)  
 Sign Up  
 - First name  
 - Last name  
 - Date of birth (select from calender)  
 - Email  
 - Password  
 - Sign Up button  
if successful toggle welcome buddy & continue

Sign in   
 - Email  
 - Password  
 - Login button   
 - Forgot password (Recovery email & Reset password button)   
recovery link sent & continue toggle

2.Trips   
 at top upcoming and completed trips

- Add Trip button   
 -PNR, name & airlines(list of airlines while entering the text)   
 - next button  
 after adding trip   
 - View button   
 - baggage info (optional)

- number of passengers

- list of passengers (message option too)  
 - Confirmation

- Yes & no, retry button  
 - if yes then select Excess Baggage or Free space   
 - Enter Quantity

- Airlines baggage rules & info (simple link )   
 - next button or finish button (if no preview required)  
3. Chat  
 - respective flight members (if possible can add image and also live location)  
4. Account   
 - Picture & rating  
 - My profile

- to update picture and all the signup details  
 - Refer a friend (optional)  
 - referral link   
5. Notification icon  
6. Rating your buddy

7. Logout ( if possible support also )

**TECHNOLOGIES WHICH CAN BE USED**

**FRONT-END -----**

React (html,css,javascript)  
 Primarily used for web development to create dynamic and interactive user interfaces.

React-Native (javascript and react basics)  
 Mainly used for mobile app development (iOS and Android) using JavaScript and React principles.

Flutter (Dart programming language)  
 Used for multi-platform development, including mobile (iOS, Android), web, and desktop, all from a single codebase.  
  
**BACKEND -----**  
Django (python, html, css, basic database knowledge)

or

Flask (python, html, css and basic web concepts like http & request-response cycle)

**DATABASES -----**MongoDB or MySql – for storing chat history, user details and uploaded images  
  
**ClOUD -----**Azure or AWS for deploying the application (docker and k8s if required)

**Different Flight Related Api’s**

Skyscanner   
(https://www.partners.skyscanner.net/product/travel-api)  
flight search API   
(https://developers.amadeus.com/self-service/category/flights/api-doc/flight-offers-search)  
Aviation edge

(https://aviationedge.com/?gad\_source=1&gclid=CjwKCAiAu9yqBhBmEiwAHTx5p6aJsSf8\_kIK3\_H0jiKNflIIBYg1IeS7vfUDNsPNy\_REEYwoWLe0wBoCb\_wQAvD\_BwE)  
IATA Developer  
(https://developer.iata.org/en/api/)  
AviationStack  
(https://aviationstack.com/dashboard)