

Deliverable 2

In our project, there are several folders in order to contain the html file, images, css file, and javascript files.

In Deliverable 3, we **completely** redesigned ui, which is much clearer and simplified than our deliverable 2.

The main files of this project are in **cupid_arrow/src** folder

UI design AND some function

In our UI design, there are 5 sections:

Login page: In this page, it requires user to enter the valid email address and password (No less than 8 characters).

Home page: The main page that the user interacts with the web page. Here, the user can swipe the card in the middle to like or dislike people. The card displays the photo, name, and some other information about this person.

If the user swipe the card to the **right** which means **like** this person in the card, And If the user swipe the card to the **left** means **dislike** this person

Profile page: for the user to update and fill in their information.

Chat page: for the user to chat with other people who are interested in

Colour Palette

Description	Color
Primary - The app's main colour (login page, card background, profile page and chat page background)	#C38D9E
Header - colour at the head of the main page	linear-gradient (#E27D60, #E27D60)
Bottom - colour at the bottom of the main page	linear-gradient (#85dcb2,#41B3A3)
Button repeat	violet
Button like	skyblue
Button star	orange

Button dislike	greenyellow
Button listening	salmo
Card Shadow	rgba(0,0,0,0.3)
Chat screen text (From other person)	lightgray
Chat screen text (From user)	#39c5bb
Chat screen input field	white
Chat screen send button	rgb(221, 64, 143)

Font and Icon

For the most ui icon, we use Material UI ([MUI: The React component library you always wanted](#)) @mui/icons-material

For the Peoples' image we use the picture in google image and save the reference of image in the database

Icons	
Logo	<code>https://pngset.com/images/heart-bow-arrow-icon-download-for-free-u2013-iconduck-bow-logo-symbol-silhouette-stencil-transparent-png-2596757.png</code>
Profile Icon: <PerosnlIcon>	
Chat Icon: <ChatIcon>	
Back Icon<ArrowBacklosNewIcon>	
Left swipe Icon <ArroowBacklosIcon>	
Right swipe Icon <ArrowForwardlosIcon>	
Button back <ReplayIcon>	
Button like <CloselIcon>	
Button star <StarRateIcon>	
Button dislike <FavouritelIcon>	
Button listening <FlashOnIcon>	

Screenshots:

Deliverable 3

Server Technology integrated including library and frameworks

The Node js was used in our project as the runtime environment, and React was the JavaScript library for building our project.

To execute JavaScript code outside a web browser, type “npm start” in the terminal (MacOS) or the Command line (Windows) and run.

For our database, we use firebase firestore database and connect it with our project, users can update their information to the database on the profile page. And if the user right swipes the card on the main page, it will add the person into their *likes* array in the database.

In firebase firestore, elements will automatically generate an uid as primary key. table “people” : name, email, age, gender, birthday, job and url(for the photo)

For the automated testing, the Jest was implemented in our project, which was recommended by React. There is one test case in the project, which is to make sure the testing framework was implemented correctly.

```
Yingqis-MBP:cupid_arrow yingqifeng$ npm test

> cupid_arrow@0.1.0 test
> jest

PASS src/sum.test.js
  ✓ adds 1 + 2 to equal 3 (3 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:   0 total
Time:        0.646 s, estimated 1 s
Ran all test suites.
```

For deliverable 3, most of the scripting work was rebuilt since we use the framework that we have never used before. We did a lot of reconstructing work to ensure the whole project fit with the framework.

