

Overview of my commit history for MindMatch

<https://mindmatchkgp.herokuapp.com/>

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1. Basic structuring of website

- First I made the basic frontend view of website homepage
- Then I made all possible pages which are to be rendered using EJS templating
- Then I started making the driver app.js program which contains all the get and post requests.

2. Connecting with local database

- Then I connected with **mongodbDB** database on my local machine which works on `://localhost:27017/MindMatchDB`

3. Making the front end part

- Made the website homepage's navbar, login, register buttons and links to other pages.

4. Making the login page and register page

- Then I made the login pages for already registered users and for admin separately.
- And a registration page for new users.

5. User homepage setup

- Then for the user's homepage I made the left navigation bar, top navbar , logout button and other required links.
- And a table showing his current connections.

6. Implementing the functionalities

- Then one by one I implemented all the functionalities mentioned in SRS.
- With their get and post routes written in app.js file

7. Writing the Matching Algorithm Function

- This function receives the details of two requested users from the database and then calculates their % match using weighted arithmetic mean, percentage difference and set intersection techniques(for array elements).

8. Making the admin page

- Then I set up the admin page containing the count of total users, total connections and total messages.

9. Linking the chart from database

- Then I used the database to make a chart of the number of users registered on a particular day (**# new users vs day**).
- Then embedded that chart on the admin's homepage.

10. Connecting with online database

- After the web-app was working fine I shifted my database to mongoDB's online Atlas service.

11. Deployment on heroku

- After some testing and bugs removal I deployed this app on heroku server.

12. Finally push on github