

Future work

The future work documents include the user stories that have not been finished and the further requirements from clients

Unfinished User Stories

User stories	Tag	Task	Reason for not being able to implement
7	US_7_GOOGLE_ACC	Add an access link in sign in page to allow users to sign up or log in with gmail	Not familiar with how to get access of user information logged by gmail and store in database. Next stage, we could use google authentication in passport NodeJS to verify email
9	US_9_DASHBOARD_COLOR	Be able to change the colours of words and button colour on the dashboard and choose their favourable colour	We have not come up with a more optimized methods to allow users to change the page to be more beautiful. So the best way to do that is to keep the colours that we have now
13	US_13_SWITCH_ACC	Add a new menu that users can switch different accounts	We haven't found a way to connect two accounts with one person. Modification of data storing form is needed to store more accounts for one user.
18	US_18_GROUP_CONTACT	Users can set up groups for different friends, it can makes easier to find a type of friends	Due to time limited so we do not finish this function

Functions need to be improved

Functions	Detailed description	Possible approaches
Forget password and Sign up email verification,	When a user sign up with email, a verification email will be sent for a verification code which is needed to be entered in the log in page. Furthermore, if a user forgets the password, he would also be sent with an email to change information	Check the valid email address and use EmailJS in ReactJS to send the email. The email content should be prepared to deal with different situations. Verification code should be generated randomly and the webpage should verify the correct code before redirecting to the right page
Contact chat function	Add more communication methods for the users to contacts, like video call or chat, share screen.	Add a button in each contact information page to enter the chat page. Design the chat page and add function in the chat page.
Calendar	Add a calender to record the business schedule, and remind to customer.	Add calender page button in the nav bar and design the calender page, then add function in that pages. The react component fullcalender is can be used in that page.
Admin analysis	Add some visual analysis tables, for example, Number of real-time users, active users, number of new users registered, number of deregistered users, usage time, and the some ratiosmonth-on-month increase/decrease	Using Ant Design Pro component and add API with back-end and database.