**DAILY WORK REPORT**

**Date: 05/02/2024**

Name: **ALBERT FREDY**  Reporting to: **BIJIN MANUEL**

Employee Code: ITS120

**PROJECT NAME**: Learned REST API MVC , Firebase platform

**TODAY’S UPDATE**

* Integrated firebase to the front end project
* Established an Authentication system to react app.
  + integrated normal email and password registration module using firebase
    - familiarized with getAuth() function
      * integrated createUserWithEmailAndPassword()
        + integrated this module for the user creation
        + done using the email and password entered by the user and stored in states and then passing the email and password with the auth object we configured for firebase.
        + integrated useNavigate hooks in react for the navigating to other routes without refreshing.
    - establishment of front end in react for registration ,login and homepage
    - integrated react-dom-router for routing the routes for the pages
    - integrated react-bootstrap library for ui creation
  + integrated email and password login system with firebase
    - familiarized with getAuth() function
      * integrated signInWithEmailAndPassword()
        + used builtin function for login the user

inbuilt validation

* + integrated the google signin method for registration and login
    - configured GoogleAuthProvider for google login
      * integrated signInWithPopup for the google account login
        + popup will come for the popup
      * Created provider object for selecting the providers for login
        + our provider is google login
      * set the custom parameter for selecting the account
        + for switching the multiple google accounts
  + integrated signout feature for signout the account
    - integrated signOut builtin function for signout
  + integrated onAuthStateChanged for preventing the loss of login account after refreshing
  + integrated useEffect hook for every time rendering and fetching the account details

**REMAINING MODULES**

* Real time messaging
* Push notifications

**COMPLETED MODULES**

* Authentication
  + Email and Password registration and login
  + Google Sign In method

**REMARKS**

**VERIFICATION REPORT BY TEAM MANAGER**

Verified By

**BIJIN MANUEL**