Module Title: Web and Mobile Technologies

Module Leader: Ehtisham Yasin

Assessment Title: Develop a hybrid mobile application

Project Type: Individual

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App name: RealYou

About the app: This app is a hybrid mobile application which helps the user to boost their mind with positive quotes and helps to meet their real you which keeps the user motivated.
When the user clicks generate motivation, this app gives new quote and vibration/ haptics feedback to the user to enhance the user experience.

Technologies Used: The technologies which are used in this project are as follows:
1.) HTML 5
2.) CSS (SCSS)
3.) JS (Java Script)
4.) TS (Type Script)
5.) Ionic, Angular
6.) Cordova and Capacitor for Plugins
    a.) Plugins which are used and tested as well are:
        I.) Device Vibration/Haptics
        II.) Device Orientation

Assignment Details and Testing:
1.) Made Android Mobile Application and a Web Application.
2.) Application works on mobile and browser.
3.) Application tested on bluestack5 (emulator)& also on Android Studio.
4.) Favicon appears on browser.
5.) Application's splash screen is also appearing.

Instructions to run the project:
1.) To install project dependencies, use: npm install
2.) To regenerate www folder, use: npm run build
3.) Then sync the capacitor android platform, use: npx cap sync android
4.) Then open the android project in android studio, use: npx cap open android
5.) To run in browser, use: npm start or ionic serve