

Team Name: Sunshine Boys

App Name: Sb Weather

File: Summary

Names: Gagandeep Saini N01305833, Jeremy Persaud N01338636, Nathaniel Hedman N01112536
Robert N01364182

Scope: Developing an app for our Hardware Project. Our project measures temperature (TMP 102), Humidity (DHT22), Barometer (Adafruit DPS310 Precision Barometric Pressure / Altitude Sensor)

Work Distribution: **Gagandeep** did the UI (login, registration, reset password, splash screen, database to save the information, overflow (3 dots), logout button and button logo, refresh button and button logo

Work Completed: **Gagandeep** did the UI (login, registration, reset password, splash screen, database to save the information, overflow (3 dots), logout button and button logo, refresh button and button logo

Jeremy Persaud – did the home page which displays the temperature, humidity, air pressure, and wind speed in an implemented cardview. Used RecyclerView to create the scrolling list.

Work Remaining: **Jeremy Persaud** – Add weatherpage activity to show average temperature and average humidity and within a timespan of a month.

Nathaniel Hedman – Created the contact us page. Uses onClick events to allow users to contact the group directly from the app by clicking icons.

Work Remaining: **Nathaniel Hedman** – Will be responsible for creating appropriate tests for the app functions.

Robert- Created the about us page and the logos being used in our application.

Git Strategy: We are using a shared repository that all our files are being pushed onto. Each member pushed their major changes to the repository and discussions happened weekly.

Tool used: I used firebase database to pull the login info, save registration info, reset password, the reset password is run/linked with the database (sends the reset email, saves new password). I used the plugins and dependencies that were necessary to connect my app to the database.

<https://firebase.google.com/>