**Progress Report**

**- Increment 3 -**

**Group #14**

1. **Team Members**

James Hondros, jrh16u, jrh16u

Conner Flynn, cjf16e, cflynn0

Ryan Ratkovich, rjr16r, ryanratkovich

Davion Myles, dam16f, alantee

DJ Shotwell, ds16j, DesiDao

1. **Project Title and Description**

GustBuddy

Gustbuddy is a functional web application that will deliver a myriad of weather information to the user which can be shared through social media. We are proposing to develop the web app with a variety of APIs and custom algorithms to refine and personalize weather data for users accessing the app.

1. **Accomplishments and overall project status during this increment**

Each team member has contributed to the progress of the web application. The team was able to finalize which API’s were implemented and managed, and the backend databases were completed as well. Site uniformity and graphical presentation of data were also achieved.

**Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

- Implementing Firebase database connections in React for the Login, Hurricane data, and User Reporting databases.

- Implementing accurate API data calls, calculations, and presentation

- Thanksgiving break caused a lag in progress as most of the group traveled for the holiday.

1. **Team Member Contribution for this increment**
   1. *Progress Report*
      1. **James Hondros** **and Ryan Ratkovich**– Team Members (unchanged), project title and description (unchanged), Statistics page, removed plans for next increment and video
      2. **Davion Myles** - Assisted in creating the PR document
      3. **Conner Flynn** - Accomplishments and Status, Challenges
      4. **DJ Shotwell** - Implemented mainPage.js
   2. *RD Document*
      1. **Conner Flynn** – Overview, Functional/Non-Functional Requirements, Class and Sequence Diagrams, Operating Environment
      2. **Ryan Ratkovich** - Assumptions and Dependencies
      3. **James Hondros** – UML graph (unchanged)
      4. **Davion Myles** - Assisted in RD
   3. *IT Document*
      1. **Conner Flynn** – Platforms, Edited Execution-based Functional Testing, Non-Execution-based Testing. Edited Execution-based Non-Functional Testing
      2. **James Hondros** - Execution-based Non-Functional Testing, Execution-based Functional Testing
   4. *Source code*
      1. **Davion Myles** – Implemented Weather.js WeatherForm.js WeatherComp.js. Assisted with the Implementation of the mainPage.js Connecting OpenWeatherAPI to Weather.JS and mainPage.js
      2. **Conner Flynn** - Finalized state switching within the web app, made the Social Media page, contributed to User Reporting, finalized Login page and functionality (Actions, Reducers, Root)
      3. **James Hondros & Ryan Ratkovich**- Updated and provided data to Statistics.js, Form.js, Report.js, firebase.js. Applied styling to forms.
      4. **DJ Shotwell** - Implemented mainPage.JS was very instrumental to the finished product
      5. **Each member** was responsible for speaking about and demoing aspects of the project they had contributed to. James created the powerpoint presentation.