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Github Url : https://github.com/grabot89/weather-station

Deployed URL : http://app-442b3b7a-35f5-418b-ad78-b81514c312b0.cleverapps.io

Demo Video : https://youtu.be/ymRmdnaRGQk

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| --- | --- | --- | --- | --- | --- |
| Grade Band | Reading | Station | Member | Features | Code |
| Starter | I have Code, Temperature and Windspeed displaying in the view. | I am displaying Stations in Dashboard. | N/a | I am reading from YAML file | N/a |
| Baseline | I have added Pressure to Readings. | I have cards showing the latest conditions for a station. Added Util Class for Fahrenheit and Beaufort values in a reading. | N/a | I have latest weather displayed for each station using cards. | GitHub Repo, tagged starter and baseline as baseline. |
| Release 1 | I have wind direction displaying. | I have added to my station Util functions to get Wind Chill and Wind compass values. | N/a | Dashboard displays station list and folder button to open station view.  I have added functionally to add new Station and new readings. | GitHub Repo and tags added. |
| Release 2 |  | Latitude and Longitude added to YAML and Station View. Added Max and Min and added icons. | Added functionally to add member following notes from lab. First name, last name, email and password.  And view stations for member. | Members are able to sign up and log into App.  Create weather stations and readings for a station.  New data loaded from YAML. | GitHub Repo and tags added And Git history visible. |
| Release 3 | Time and date added but bug when reading from YAML. ISO is in front of date, works fine when adding through add reading form. | Added trend functions to station Util class for Temperature, windspeed and pressure. | I was not sure what to do here to enable edit member function. It was not clear in Rubric what fields should be editable, so I did not put in. Also time was running out. | Members are able to delete reports or stations.    Broke latest conditions into a partial so it could be loaded from dashboard.  Added alphabetical sorting for stations. | GitHub Repo and tags added And Git history visible.  Deployed to Clever Cloud and Elephant SQL. Zipped Folder with Readme and Reflection. |

**Reflection Section**

* There has been no AI used in this assignment.
* Technologies used, screen size and references all included in Readme file attached in IntelliJ.
* I found the notes and labs very useful for this assignment. For things like adding and deleting and member functionally I was able to use the example in the lab notes with little issues.
* I liked using the Play Framework and it made things easier for things like project structure.
* I liked using Bulma, from the previous web assignment I had problems with CSS and being able to use Bulma made things easier as I could check the documentation and get examples of how to use the preexisting Bulma classes. I didn’t create a CSS file and used Bulma classes for everything, I think this worked well but I couldn’t get the cards to all be the same height for current conditions.
* I didn’t implement the Edit Member task as I was running out of time and did not know exactly what I should allow a member to edit.
* I was able to set up git quickly by following the notes and I was able to get my code deployed to Clever Cloud and Elephant SQL quite quickly by following the notes and the suggestions from people in Slack.
* I had a bug reading the date/time from the YAML file that I didn’t get time to fix, I see someone in Slack had the same issue but I was not able to fully fix due to time. It does work when adding a reading through the form and shows date correctly, from YAML it does not look correct.