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Pi WEATHER PROJECT

INFO3604-PROJECT COURSE

USER STORIES

1. As a user, I want to check for weather stations near me so that I can get the weather conditions in my area.
2. As a user, I want to search for a particular weather station by name so that I can find the station I want easier.
3. As a user, I want to search for stations by location so that I can get weather conditions at stations in or near that location.
4. As a user, I want to be able to register an account for the weather web app so that I know that my data is confidential and binded to my account.
5. As a station owner, I want to add a weather station to the map so that I can monitor weather conditions at my own stations and for others to use the data it gathers.
6. As a station owner, I want to be able to see a list of weather stations I own and have added, so that I do not have to search for the stations manually
7. As a power user, I want to be able to add a station to a list of my favourite stations so that I can easily access my preferred stations later.
8. As a power user, I want to be able to get a list of previous weather conditions or logs from a station so that I can check the weather pattern at that station.
9. As a power user, I want to be able to see weather pattern data as a graph so that I can get an easy grasp of weather pattern data.
10. As a farmer, I want to schedule notifications to activate whenever the weather conditions my crop needs fall out of the ranges I want them to be in so that I can know if I need to tend to the crop.
11. As a power user, I want to delete logs from a station that I have collected so that I do not see logs that I no longer need.
12. As a user, I want to deregister my account from the app so that I no longer get any notifications or have the app linked to my account.
13. As a user, I want to be able to get old weather data so that I can analyze or predict weather conditions.
14. As a user, I want to be able to search through weather data to get the condition that I want so that I can know when or if the value I want was encountered.