Project Proposal

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DMIT2504 Android Development

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For my project, I am interested in building a minimalist weather application that displays the weather, both locally (through the use of geolocation) as well as in any location around the world as requested by the user, in realtime. In addition, I aim to make the app amusing for the user by displaying a humorous message should the temperature exceed a certain value, or should it be below a certain value.

For the optional competency criteria, I aim to satisfy local storage (through the use of shared preferences, such as a dark mode or background color selection), web service consumption (which is a necessity since I aim to gather the weather information from a public API), custom animated widgets, and by deploying my application to the Google Play store for public use.

I aim to have, at minimum, the UI layout complete by the milestone deadline, as well as at least have some progress made toward displaying data from the API. By this deadline, I will also have the routing completed and the file structure fleshed out.

If I’m going to be honest, it’s kind of difficult to fill out an entire page with this proposal because it’s generally not an extremely complicated application – it just meets all of the competencies as outlined by the project rubric, and allows me to omit some of the concepts I feel as though I’m still struggling with (such as data storage – definitely holding the L on that second assignment, but hey, at least now I know not to procrastinate like a moron) while simultaneously making it fairly straightforward to implement the four optional competencies I’ve chosen.

Thank you for your time!