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#2453103 -

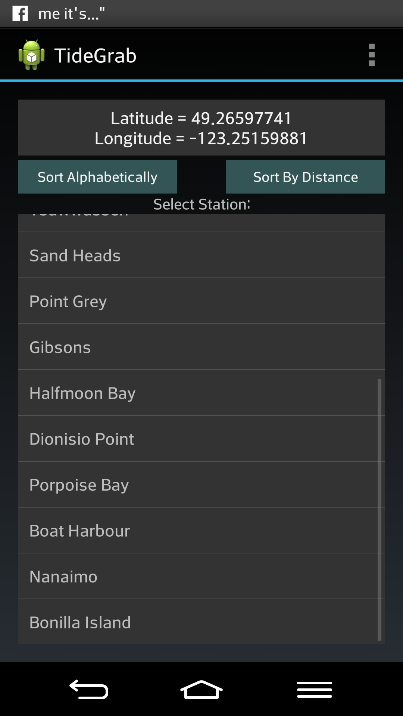
TideGRab

Tide Display for Android

# Code:

All code can be found on the team’s GutHub at: <https://github.com/Kjven/eece310_app>  
  
Summary:

Our project is an Android app which enables the user to easily see the tide heights for stations around their location. When the app is opened the user is greeted with a page displaying their current location and a list of stations. The user can then select a station, sort the list by closest location, or sort the list alphabetically. See figure below for screenshot.



Once the user selects a station, the tide heights are displayed as a sine wave on a liner plot. The user can scroll and zoom this plot to get more accurate info. Tide data for up to 5 days is cached in the event of a bad internet connection. Originally, we planned to display the tide height in a radial plot, however due to licensing concerns we had to change to the linear view.  
  
Deliverables:

Deliverables for this project are simple, just the android app itself. It is local to our PCs and must be run in development mode as we haven’t released to the general market.

# Development Summary:

Summary