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Heuristics Evaluation

Visibility of System Status

There should be a way manage and measure the fertilizer concentration in the system. Since fertilizers plays an important role in farming in general. A notification feature can also be added to inform the user. For instance, if there a low water level the user can be notified through a message. There is also no way of the user knowing the length of time a section has been used or created.

User Control and Freedom

User should be able to customize color of interface to cater for different user preference. A simple add button can be added to allow the user to easily add a new section without having to enter the menu. The users should be able to save notes within the app. A sharing feature could be added to share system status with other users of the app.

Flexibility and Efficiency of Use

The user is not able to change pH level and water level with the app but instead must manually do it. The sections are not sorting which can make them difficult to find. A graph can be used for to help users to easily go through information saved from the sensors.

Help Features

The app in general has a very minimalistic design to allow user to navigate without difficulty. However, a help tap can be added to allow the user find assistance if he/she finds difficulty.