

The image shows a Kanban board with four columns, each representing a different stage of a project. The background is a photograph of hot air balloons being launched at dawn.

- To Do: General**
 - Find a water pump to purchase (Sep 18, NB)
 - Build box to house the plant and hardware (Oct 2, LJ, NB)
 - + Add another card
- To Do: Mobile**
 - Define Client-Side Tech Stack for Mobile Application (ZT)
 - Define All Desired Features & Capabilities of Mobile Application (Nov 20)
 - Design a view layout for the mobile app (LJ)
 - Implement the view layout in the mobile app with the buttons and data viewing just as placeholders
 - Allow Mobile App to connect to the database successfully
 - Implement data viewing of some of the sensor data on the mobile app
 - Implement the button on the mobile app to enable the water pump's motor
 - Implement the option to water the plant based on a timer schedule in the mobile app
 - Implement the option to water the plant based on a minimum moisture level in the soil in the mobile app
 - + Add another card
- To Do: Embedded**
 - Connect Hardware and Peripherals for the Raspberry Pi (Sep 25, NB)
 - Establish communication between the raspberry pi and the sensors (Sep 30, 0/4, NB)
 - Research and define all necessary technologies needed for the Raspberry Pi to communicate with the database (Oct 9, NB)
 - Begin Sending Data from the Raspberry Pi to the Database (Oct 23, NB)
 - Wire and Raspberry Pi to the water pump's motor and begin actuating it through a program (Oct 7, NB)
 - Program Raspberry Pi to receive data from the database which tells when to run the water pump and for how long (Nov 1, NB)
 - + Add another card
- To Do: Database**
 - Define Server-Side Tech Stack (ZT)
 - Create Database(s) (LJ)
 - + Add another card