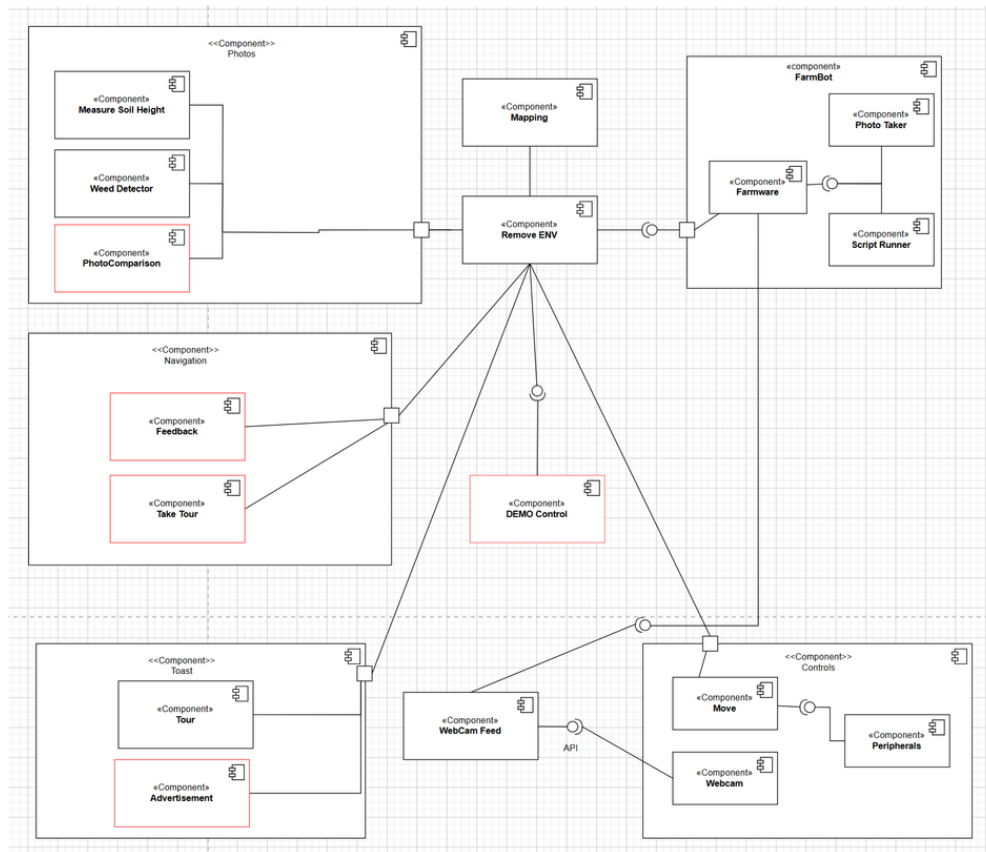


Component Diagram



This is the component diagram of the relevant features that we are going to build.

Based on user stories and the existing system design, the diagram has been split into three distinct components.

The Farmbot component is the part we are not able to modify on. It is the control system of a Farmbot device. The controls and the Photos are the parts we are going to edit.

We can see that these parts are using interface provided by Farmbot currently. These actions will send a rpc towards the Farmbot to execute relevant actions. And for the webcam component, it uses a 3rd party api to live stream the camera on Farmbot.

Since we are building a more completed demo interface, we need to break up these components under the demo account and build our own logic to simulate the actions.

The red sections indicates the features that **does not exist originally**, which we need to extended upon from. We have established a demo control component, which when each request is sent to FarmBot device, the systems checks whether it is from a demo account and then perform corresponding actions.

And based on previous change in requirements, we have investigated and added the required compoents to be modified on.

As indicated the component diagram shows the component that our team need to either modify from or extend more components up and beyond. The cases are reflected in user stories.