

Project Plan

phase	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Gathering Information									
Define Requirements									
analysis									
design									
implementation									
Develop ML Model System									
Testing and Final Discussion									

Quality Assurance Plan

Black box:

In this stage we use test dataset as input to our ML model to ensure the accuracy of output of the system.

White box:

Unity testing:- In this stage of testing, we will take every components of our system such as web service, machine learning model, android application to test them separately.

Integration testing:- In this stage of testing, we will take every components of our system such as web service, machine learning model, android application to test them separately.

Validation testing:- Validation testing is the process of ensuring if the tested and developed application satisfies its functionality requirements. The business requirement logic or scenarios have to be tested in detail. All the critical functionalities of an application must be tested here.

Alpha:- In this part, a group of testers in our team test the product in a laboratory environment to ensure efficiency of product and fix errors.

Beta:- At this stage we will test the application on real users, farmers and people who have some plants at home, retrieve feedback to our team.