REQUIREMENT ANALYSIS

Functional requirements

S No	Functional requirements	Sub requirements(Story/subtask)
1	User registration	Registration through form Registration through Gmail
2	User confirmation	Confirmation via OTP Confirmation via Email
3	Capturing image	Capture the image of the leaf And check the parameter of the captured image
4	Image processing	Upload the image for the prediction of the disease in the leaf
5	Leaf identification	Identify the leaf and predict the disease in leaf
6	Image description	Suggesting the best fertilizer for the disease

Non-functional requirements

S No	Non-functional requirements	Description
1	Usability	Datasets of all the leaf is used to detecting the disease that present in the leaf
2	Security	The information belongs to the user and leaf are secured highly
3	Reliability	The lead quality is important for the predicting the disease in leaf
4	Performance	The performance is based on the quality of the leaf used for disease in the plant
5	Availability	It is available for all user to predict the disease in the plant
6	Scalability	Increasing the prediction of the disease in the leaf