Project design phase - II
Solution requirements (Functional and Non-functional)

Date	18/10/2022
Team ID	PNT2022TMID08879
Project Name	Estimate the crop yield using data Analytics

Functional requirements:

Functional requirement	Description
Registration	User can create an account by registering through form
Google authentication	Add new user with a pre-existing google account
Login	Easier login for already existing users
Take in the required data	Input data is taken from the user for data prediction
Estimation / Prediction	A prediction of crop yield is done based on the user input
Analysis	An analysis is done on the given data to gain useful insights on the crop yield

Non-functional requirements:

Non-functional requirement	Description
Performance	The software should provide us good performance
Reliability	The UI should be user friendly and easily understandable
Availability	It should be available for access at any time from anywhere
Scalability	The software should be scalable for larger datasets
Security	The user login and registration is in secured manner