User journey

By team
PNT2022TMID
15252

People
4

Time
30 min

Difficulty
Beginner

TEAM ID : PNT2022TMID15252

Project Objectives	Preprocess the images.	Applying the CNN algorithm to the dataset.	How deep neural networks detect the disease.	Find the accuracy of the model. Build web applications using the Flask framework.
Project Flow	Download the dataset. Classify the dataset into train and test sets.	Add the neural network layers. Load the trained images and fit the model.	Test the model. Save the model and its dependencies.	Build a Web application using a flask that integrates with the model built.
Model Building For Fruit Disease Prediction	Import the model building Libraries. Initializing the model	Adding CNN Layers. Adding Hidden Layer	Adding Output Layer. Configure the Learning Process	Training and testing the model. Saving the model
Model Building For Vegetable Disease Prediction	Import the model building Libraries. Initializing the model	Adding CNN Layers. Adding Hidden Layer	Adding Output Layer. Configure the Learning Process	Training and testing the model. Saving the model
Project Structure	Data Collection. Image Preprocessing	Model Building for hand gesture recognition	Test the model	Train the Model
Opportunities	The proposed method uses SVM to recognize multiple had gestures.	The proposed method is compared with the existing CNN based hand gesture recognition	The proposed SVM technique gives a better result when compared to existing CNN.	