User journey

By team Iconic

People 4

Time 30 min

Difficulty Beginner

1 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.
2 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
4 Project Structure /	Data Collection. Image Preprocessing	Model the images and provide necessary hand actions	Test the models	Train the Model
5 Opportunities	The proposed method uses SVM to classify tree leaves.	The proposed method is compared with the existing CNN based hand gesture recoginition	The proposed SVM technique gives a better result when compared to existing CNN.	