

## **Project Flow**

1. The user interacts with the UI (User Interface) to upload the image as input
2. The uploaded image is analyzed by the model which is integrated
3. Once the model analyses the uploaded image, the prediction is showcased on the UI

To accomplish this, we have to complete all the activities and tasks listed below

1. Understanding the data.
2. Importing the required libraries
3. Loading the data
4. Analyzing the data
5. Reshaping the data.
6. Applying One Hot Encoding
7. Model Building
8. Creating the model and adding the input, hidden and output layers to it
9. Compiling the model
10. Training the model
11. Predicting the result
12. Testing the model by taking image inputs
13. Saving the model
14. Application Building
15. Create an HTML file
16. Build Python Code