Date	06-11-2023 (06 November 2023)
Team ID	Team-612000
Project Name	Mental Health Prediction using Machine Learning
Max marks	5 marks

Solution Architecture

The basic architecture of the proposed solution revolves around the fundamental machine building using Machine Learning Algorithm, which is Random Forest in our project.

Building blocks

- ✓ Data Set
- ✓ Model (Built using scikit Learn library (Python))
- ✓ Front-End interface
- ✓ Back-End support (To host the application)

Work Flow

- ✓ Collect the data
- ✓ Data Preprocessing
- ✓ Splitting the data into
  - ➢ Train Data
  - ➢ Test Data
  - ➢ Validation Data
- ✓ Initializing the model
- ✓ Training the model
- ✓ Testing the model

- ✓ Saving the model
- ✓ Integrating Flask with the ML model
- ✓ Hosting the application