

# Project Updates

CSE 350 - Project Work III

Md Mizbah Uddin Junaed  
Reg. 2018331115

Shahnur Milon  
Reg. 2018331100

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## Smart Personality-Prediction-System

### Objectives/goals :

- Predicting the personality of an individual using machine learning algorithms to and give a summary of the overall character more precisely.
- Human personality plays a major role in his both personal, social and professional life as well, nowadays many organizations have also started shortlisting the candidates based on their personality.
- Besides, people prefer finding right candidates based on personality incase of friendship, marriage, business partnership etc.
- Gaining insight into human personality. its impact on human behavior is very valuable in many fields.

### Features/services :

- ☐ The model predicts personality combining *ML algorithms* like KNN, CNN and *Logistic regression*.
- ☐ User Module : User login, getting several primary data.
- ☐ Takes user responses to various queries and puts the user into 5 personality classes according to *Big 5 model*.
- ☐ The questionnaire contains several qs, each from *5 traits and other criteria*.
- ☐ Also identifies some *key personalities* using the factor analysis method
- ☐ Gives an overview.

### Implementation Timeline :

#### Milestones :

- ☐ Python : Learnt basics & some related libraries for ML algorithms.
  - ☐ Tensorflow : Learning phase
  - ☐ Feature Implementation : Dec 2022 - Jan 2023
  - ☐ Estimated final demonstration : Jan 2023
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- We'd try to have the outcome with more Accuracy, Precision, Good user experience etc as *evaluation/performance metrics*.
  - We'd use as more as possible datasets and testing sets.

