



PROJECT UPDATES

CSE 350 : Project Work-III

Supervised By

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Smart Personality-Prediction-System

Goals/Objectives

- I. Predicting the personality of an individual using machine learning algorithms to and give a summary of the overall character more precisely.
- II. 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.
- III. Besides, people prefer finding right candidates based on personality incase of friendship, marriage, business partnership etc.
- IV. Gaining insight into human personality. Its impact on human behavior is very valuable in many fields.




Features/Service

- ☐ 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 factor analysis method
- ☐ Gives an overview.

Milestones & Team Roles

- I. **Understanding the system architecture** : Exploring some related systems and understanding the overall structure of the proposed system.
- II. **Preparing a project milestone** : Creating a project timeline according to our goal.
- III. **Backend** : We use Django for backend. Learnt Python basics & some related libraries for ML algorithms.
- IV. **Learn tools for ML (Tensorflow)** : Learning phase

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- V. **Feature Implementation** : We will implement the features involved with the system using required tools.
 - VI. **Datasets** : We'd use as more as possible datasets and testing sets.
 - VII. **Performance Metrics** :
We'd try to have the outcome with more Accuracy, Precision, Good user experience etc as *evaluation/performance metrics*.
 - VIII. **Demonstration** :
Showcasing Project Achievements Dates - Dec 29, Jan 14, Jan 27

Timeline & Roles at a Glance

Milestones	Timeline	Role
Planning the project Milestones	Nov 25, 2022	Junaed
Learning Tools & Technology	Nov-Dec 2022	Both
Feature Implementation	Dec-Jan 2022	Both
Datasets Management	Jan 2023	Milon
Estimated Final Demonstration	Jan 31, 2023	Both