|  |
| --- |
| **PROJECT PROGRESS MONITORING REPORT –2**  **Project Title:** Persona-Predict-Via-CV-Analysis  **Type of Model:** Iterative Waterfall Model.  **Project Objectives:**   * Develop a machine learning model that can reliably predict personality traits such as the Big Five (Openness, Conscientiousness, Extraversion, Agreeableness, Neuroticism) based on various data inputs. * Design a scalable system that can handle large datasets and provide predictions in real-time, ensuring the system is efficient and can be applied in different environments. * Ensure that the system respects user privacy and is built with transparency, addressing potential biases and ensuring fairness in predictions.   **Work Completed:**   * Detailed review has been done regarding the project objectives. * Data collection and Data preprocessing has been done . * GUI building is completed.   **Work in Progress:**   * Model Optimization: Fine-tuning hyperparameters for better accuracy and reducing bias.   **Percentage of Work Done:** About 55% work is completed.  **Difficulties:** Data Scarcity- Obtaining a diverse and unbiased dataset for better model generalization.  **Team Members:**  Khyati Ojha (2101220130042)  Harshita Singh (2101220130035)  **Project Guide: Project Coordinator:**  Er. Kaushlendra Yadav Dr. Ashish Baishwar |