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| **University Institute of Engineering, Chandigarh University**  **Department of Computer Science & Engineering**  **Phase I (Project Scope, Planning and Task Definition)** | | | |
| **Date: /10/2022** | | | |
| **Project Title** | | | |
| **Heart Disease Prediction Project Using AI/ML(Python)** | | | |
| **Project Team** | | | |
| **Team Designation** | **Name** | **UID** | **Section** |
| **Member 1** | **Reeta Devi** | **20BCS2109** | **20BCS- 610-A** |
| **Member 2** | **Ashi Sharma** | **20BCS7931** | **20BCS-610-B** |
| **Member 3** | **Aditya Sharma** | **20BCS9250** | **20BCS-608-A** |
| **Project Scope** |  |  |  |
| The project scope is that we will be closely working with the heart disease prediction and for that, we will be looking into the heart disease dataset from that dataset we will derive various insights that help us know the weightage of each feature and how they are interrelated to each other but this time our sole aim is to detect the probability of person that will be affected by a savior heart problem or not. | | | |
| **Project Planning and Task Definition** | | | |

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| **Project Planning:**  To begin the project, we have gathered user requirement for this project and prepare the scope and objective. The results from this phase are scope and limitation, objectives, cost and benefits, feature of the proposed system and user interface design. In this project, we aimed to develop an Heart Disease Prediction Project which will focus mainly on helping Consumers detect/Predict a Heart Disease to avoid fatalities due Un-Predicted/Lately Diagnosed Heart Diseases.  **TASK DEFINITION:**   * We analyze the ways python language is used to detect heart disease. * We investigate the previous activities and apply a suitable methodological approach for superscribing the identified problem. * We apply data interpretation strategies in python language for health problem detection. * We present data processing that entails working with categorical variables and conversion of categorical columns. | | | | | | | | | | | | | | | |
| **Project ID (If selected from project basket)** | | | | | | | | **N/A** | | | | | | | |
| **Project Outcome (Tick the Column)** | | | **Patent** | |  | **Journal Paper** | |  | **S/W Project** | |  | **H/W + S/W Project** | ✓ | **Other** |  |
| **Remark of Supervisor** | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **Name of Supervisor** | | **Tanu Dhiman (E8141)** | | | | | **Signature** | | |  | | | | | |
| **Name of Co-Supervisor** | | **N/A** | | | | | **Signature** | | |  | | | | | |
| **S.No.** | **Name of the Students** | | | **Contact No.** | | | | | | | **Signature** | | | | |
| **1.** | **Reeta Devi** | | | **6284210320** | | | | | | |  | | | | |
| **3.** | **Ashi Sharma** | | | **8950255794** | | | | | | |  | | | | |
| **4.** | **Aditya Sharma** | | | **9599187278** | | | | | | |  | | | | |

Signature

(Project Teacher)