

Project Initialization and Planning Phase

Date	15 March 2024
Team ID	XXXXXX
Project Title	Chronic Kidney Disease Classification
Maximum Marks	3 Marks

Project Proposal (Proposed Solution) template

This project proposal outlines a solution to address a specific problem. With a clear objective, defined scope, and a concise problem statement, the proposed solution details the approach, key features, and resource requirements, including hardware, software, and personnel.

Project Overview	
Objective	Primary objective is to understand and make medical diagnosis easier By using Machine learning techniques
Scope	This project simplifies medical diagnosis process by incorporating machine learning for a more robust and efficient system
Problem Statement	
Description	Addressing the difficulty in understanding the diagnosis which effects patients metal health
Impact	Solving this issue by making it a more understanding process overall contributes to customer satisfaction
Proposed Solution	
Approach	Using Machine Learning Techniques to analyze and predict classification of Chronic Kidney Disease
Key Features	Implementation of Machine learning based medical classification model Real time decision making process for treating diagnosis quickly

Resource Requirements

Resource Type	Description	Specification/Allocation
Hardware		
Computing Resources	CPU/GPU specifications, number of cores	Intel core i5 11 th gen Nvidia GTX 1650
Memory	RAM specifications	e.g., 8 GB
Storage	Disk space for data, models, and logs	e.g., 256 GB SSD
Software		
Frameworks	Python frameworks	e.g., Flask
Libraries	Additional libraries	e.g., scikit-learn, pandas, numpy, matplotlib, pickle
Development Environment	IDE, version control	e.g., Jupyter Notebook, Git
Data		
Data	Source, size, format	e.g., Kaggle dataset, 10,000 images