

## Project Design Phase-I Solution Architecture

Date	10 October 2022
Team ID	PNT2022TMID14357
Project Name	Early Detection of Chronic Disease Using Machine Learning
Maximum Marks	4 Marks

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Problem : Chronic Kidney Disease (CKD) is major medical problem and can be cured if treated in the early stages. Usually, people are not aware that medical tests we take for different purposes could contain valuable information concerning kidney diseases.
- Some machine learning methods: Supervised learning , Unsupervised learning, Reinforcement learning.
- Methods : Pre-Processing, Feature Selection, Classification.
- Tests : Blood Test, Urine Test.

### Solution Architecture Diagram:

