

Project Design Phase-I Proposed Solution Template

Date	07 November 2022
Project Name	Project – Early detection of chronic kidney disease using machine learning

Proposed Solution Template:

S .No	Parameter	Description
1.	Novelty	Building blocks from AWS such as Amazon LEX and Amazon Connect enable clinical researchers to quickly stand up a hands-free voice interface for patient outcome reporting.
2.	Idea	Outcome reporting through voice offers a great alternative for people who don't know to use devices
3.	Feasibility of idea	The early detection of CKD allows patients to receive timely treatment, slowing the disease's progression. Due to its rapid recognition performance and accuracy, machine learning models can effectively assist physicians in achieving this goal.
4.	Business Model	WHO PAYS: Sponsor WHAT IS PAID: HOW IS PAID: Credit HOW MUCH IS PAID: Dynamic pricing
5.	Social Impact	Effective use of resource Enhanced diagnosis Improved treatment Enhancing the overall quality of treatment and life of patients

6.	Scalability of the Solution	A variety of institutions must store, evaluate and take action on the massive amount of data being produced by the health care sector as it expands quickly. India is a vast culturally varied nation with a sizable population that is increasingly able to access centralised healthcare access.
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