Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID06876
Project Name	Project -Early detection of chronic kidney disease
Maximum Marks	2 Marks

Proposed Solution Template:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	As people may worried about misinformation in the report given by doctors.
2.	Idea / Solution description	A Novel method to recognize image of kidney using Conventional Neural Networks (CNN).
3.	Novelty / Uniqueness	Accurately recognize the image and give precision result
4.	Social Impact / Customer Satisfaction	• Reduce stress of the people • People may use it for verification purpose • More accurate
5.	Business Model (Revenue Model)	• This can be used as a mobile application to predict the cause and prior diagnosis of CKD. • This can be integrated with the medical consultancy service to provide assistance to the users.
6.	Scalability of the Solution	• Ability to detect the kidney structure based on the images and datasets provided and can expand this to detect more internal structure and

		complications of kidney including every single nephron. • Ability to recognize more than a single data at a time we can expand this system to detect and compare the kidneys of two users at a time.