

PROBLEM STATEMENTS

1.Sunny has been feeling very weak, dizzy and fatigue for the past couple of weeks, Sunny was asked to take up a blood test, then the doctors found out that her haemoglobin levels were low and declared her as anaemic. Along with that they also suspected that there might be a problem with her kidney.

2.Paul, a 12 year old has been experiencing severe headaches and constant back pain while at school and even after coming back. When Paul started noticing blood in his urine, he went and spoke about this to his parents. They took him to the hospital and Paul was then diagnosed with “Polycystic Kidney Disease” Then the doctors suggested him a biopsy as they suspected it could be a Chronic Kidney Disease.

3.Raja has been diagnosed with high Blood Pressure and Diabetics, when he started experiencing pain in his lower abdomen and his back, he discussed about this to his classmate who is a doctor. She said, “Hypertension is common among patients with chronic kidney disease (CKD) and diabetes mellitus.”

4.Gokul is been having urinary problems for the past week, he has seen changes in the amount of urine, noticed foaming of urine, pale or dark urine, or even red colouring also sometimes! When he went and consulted his doctor, he said that this could be a warning sign that he may be experiencing a problem in his kidney.

5.Roshini recently started developing swelling in her legs, ankles, wrist and even around her eyes, her doctor suspected that this could be a sign that her kidneys are not functioning properly.

Who can use this application?	Anyone in the medical Industry like the healthcare professionals, patients who suspect whether they have Chronic Kidney Disease or not.
When to use?	It can be used during the health check-up, user can give in their medical records and this system will predict the presence of Chronic Kidney Disease.
What is the issue?	Helps doctors and medical professionals to accurately diagnose the presence of Chronic Kidney Disease.
Why is it important that we fix this issue?	As humans can make mistakes at times, this system will accurately predict the presence of the Chronic kidney disease.
What are the benefits?	It'll accurately predict whether the patient has Chronic Kidney Disease or not.

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