IBM PROBLEM STATEMENT.

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| **Who does the problem affect?** | **It affects the health, the people in the surroundings and lifespan of the human being.** |
| **What is the issue?** | **Chronic kidney disease (CKD) is among the top 20 causes of death worldwide and affects approximately 10% of the world adult population. CKD is a disorder that disrupts normal kidney function.** |
| **When does the issue occur?** | The accumulation of waste products in the blood leads to the emergence of other health problems, which are associated with several symptoms such as high and low blood pressure, diabetes, nerve damage, and bone problems, which lead to cardiovascular disease.**.** |
| **Where is the issue coming?** | **It is called “chronic” disease because the kidney disease begins gradually and lasts for a long time, which affects the functioning of the urinary system,** **in the late stages, which damage the nervous and immune system** |
| **Why is it important that we fix the problem?** | **CKD is a kidney disorder treatable in its early stages, but it causes kidney failure in its late stages. In 2016, chronic kidney disease caused the death of 753 million people worldwide, where the number of males died was 336 million, while the number of females died was 417 million.** |