Team ID. :PNT2022TMID45150

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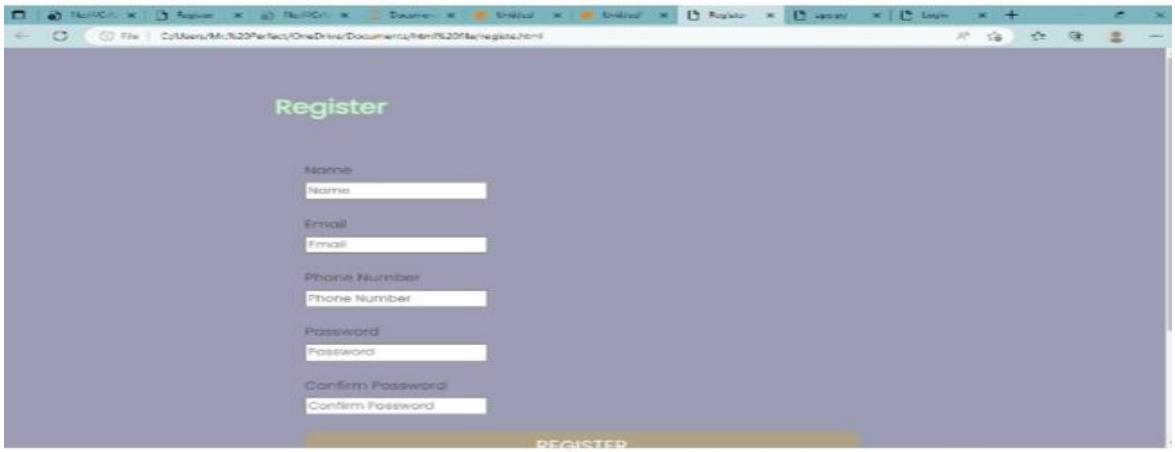
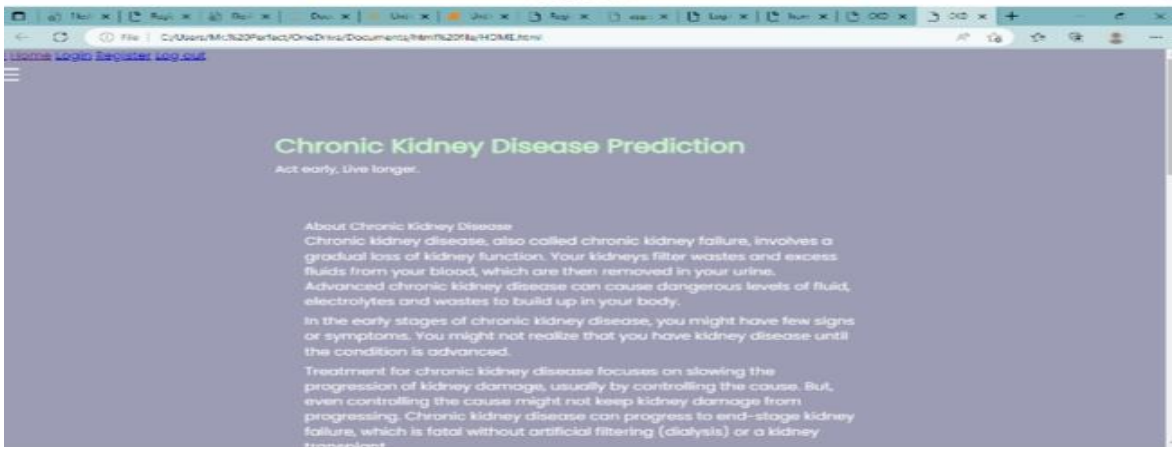
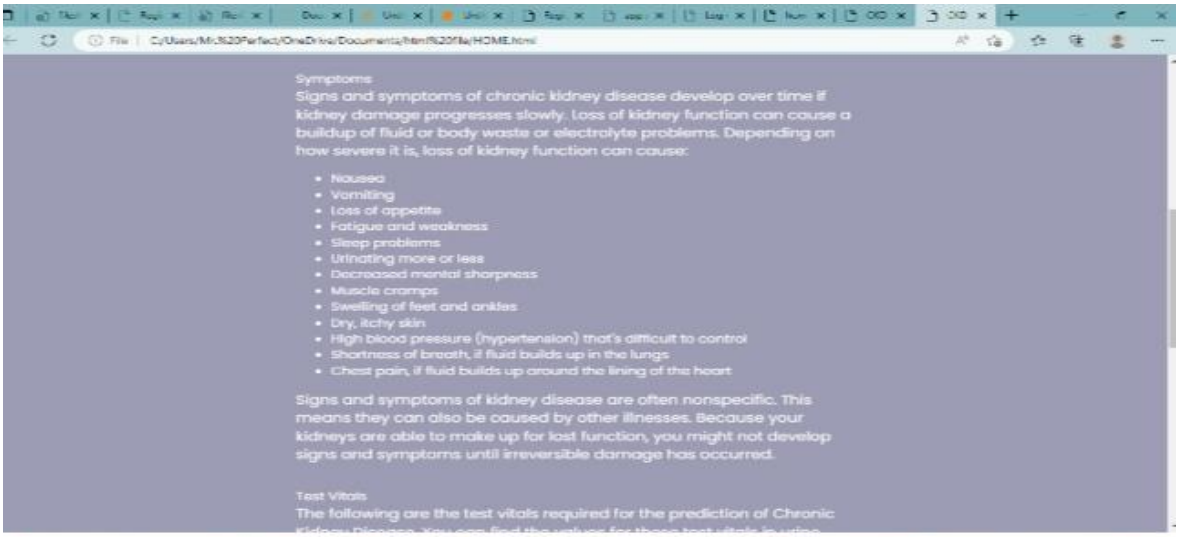
Title. : Early Detection of Chronic Kidney Disease using Machine Learning







Symptoms

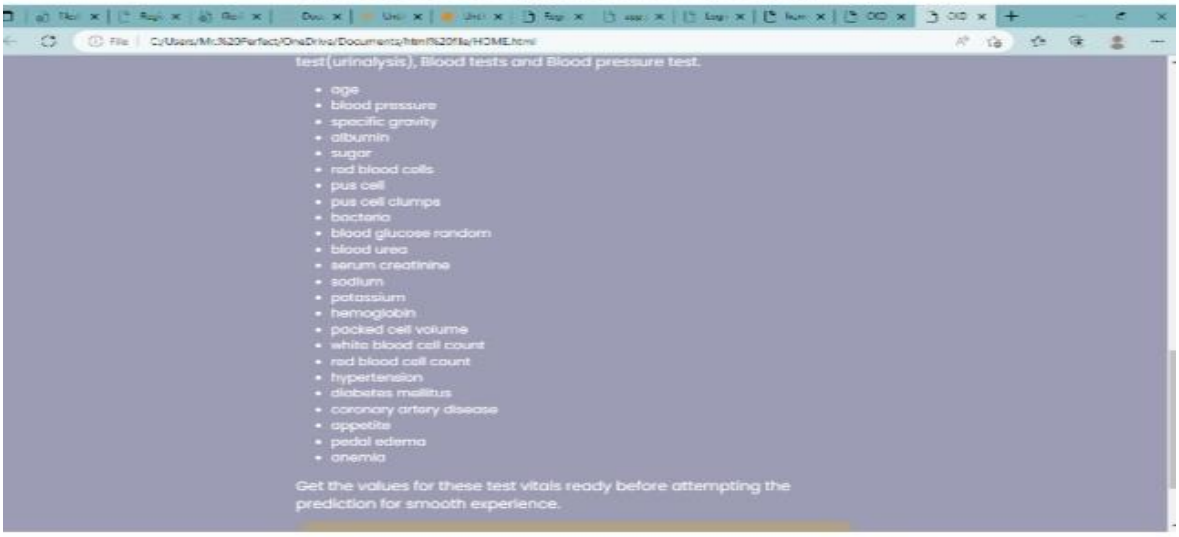
Signs and symptoms of chronic kidney disease develop over time if kidney damage progresses slowly. Loss of kidney function can cause a buildup of fluid or body waste or electrolyte problems. Depending on how severe it is, loss of kidney function can cause:

- Nausea
- Vomiting
- Loss of appetite
- Fatigue and weakness
- Sleep problems
- Urinating more or less
- Decreased mental sharpness
- Muscle cramps
- Swelling of feet and ankles
- Dry, itchy skin
- High blood pressure (hypertension) that's difficult to control
- Shortness of breath, if fluid builds up in the lungs
- Chest pain, if fluid builds up around the lining of the heart

Signs and symptoms of kidney disease are often nonspecific. This means they can also be caused by other illnesses. Because your kidneys are able to make up for lost function, you might not develop signs and symptoms until irreversible damage has occurred.

Test Vitals

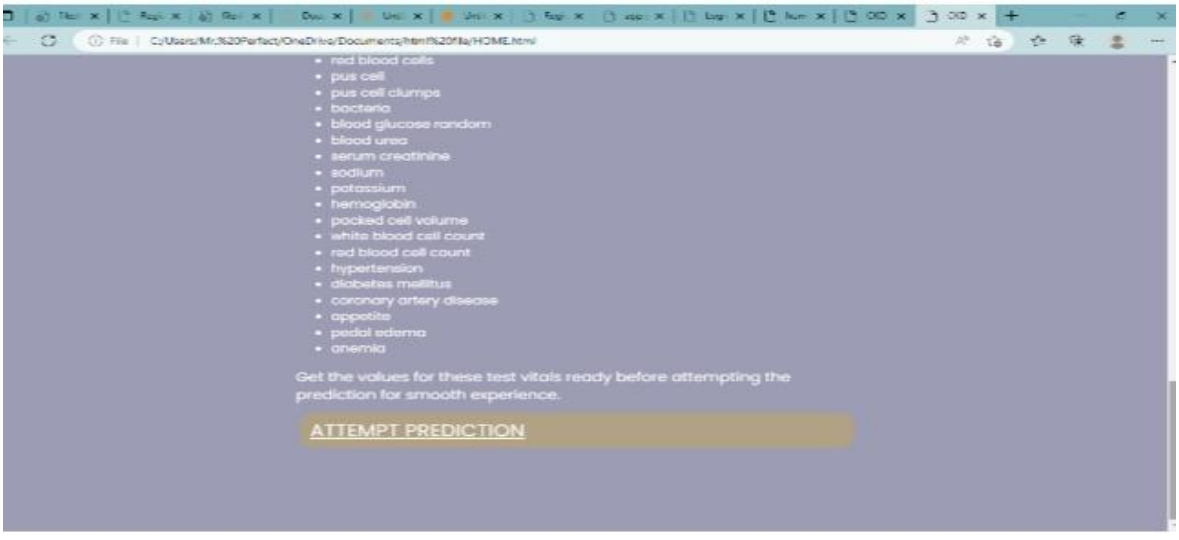
The following are the test vitals required for the prediction of Chronic



test(urinalysis), Blood tests and Blood pressure test.

- age
- blood pressure
- specific gravity
- albumin
- sugar
- red blood cells
- pus cell
- pus cell clumps
- bacteria
- blood glucose random
- blood urea
- serum creatinine
- sodium
- potassium
- hemoglobin
- packed cell volume
- white blood cell count
- red blood cell count
- hypertension
- diabetes mellitus
- coronary artery disease
- appetite
- pedal edema
- anemia

Get the values for these test vitals ready before attempting the prediction for smooth experience.

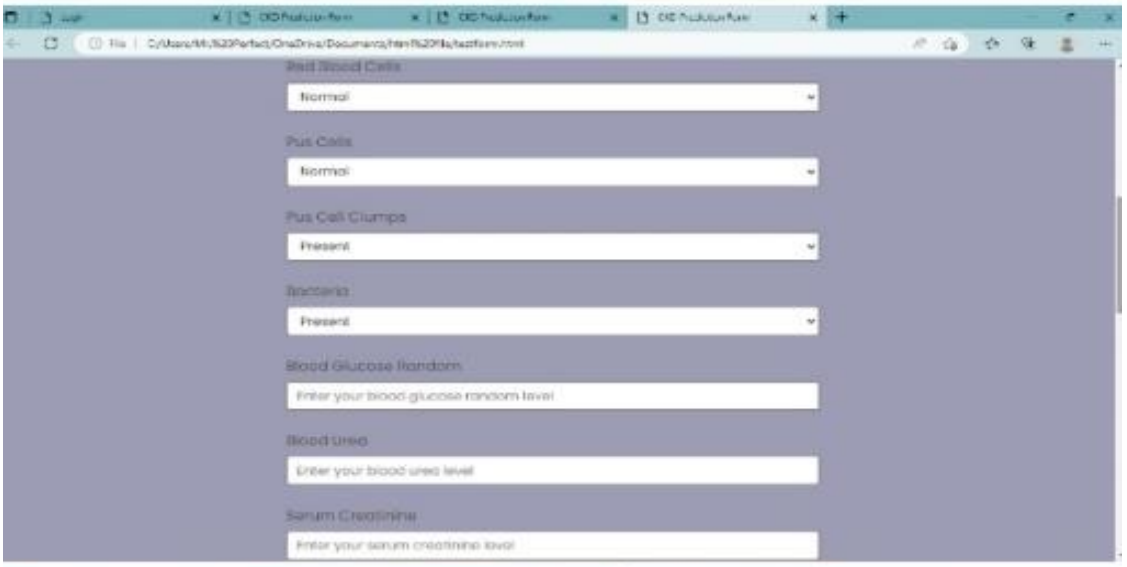


- red blood cells
- pus cell
- pus cell clumps
- bacteria
- blood glucose random
- blood urea
- serum creatinine
- sodium
- potassium
- hemoglobin
- packed cell volume
- white blood cell count
- red blood cell count
- hypertension
- diabetes mellitus
- coronary artery disease
- appetite
- pedal edema
- anemia

Get the values for these test vitals ready before attempting the prediction for smooth experience.

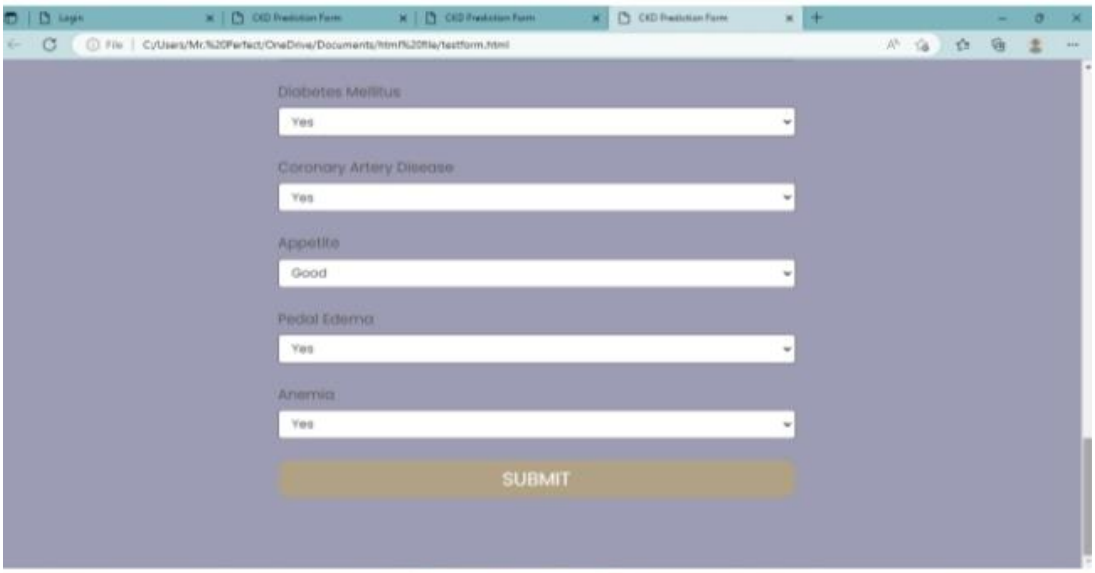
ATTEMPT PREDICTION

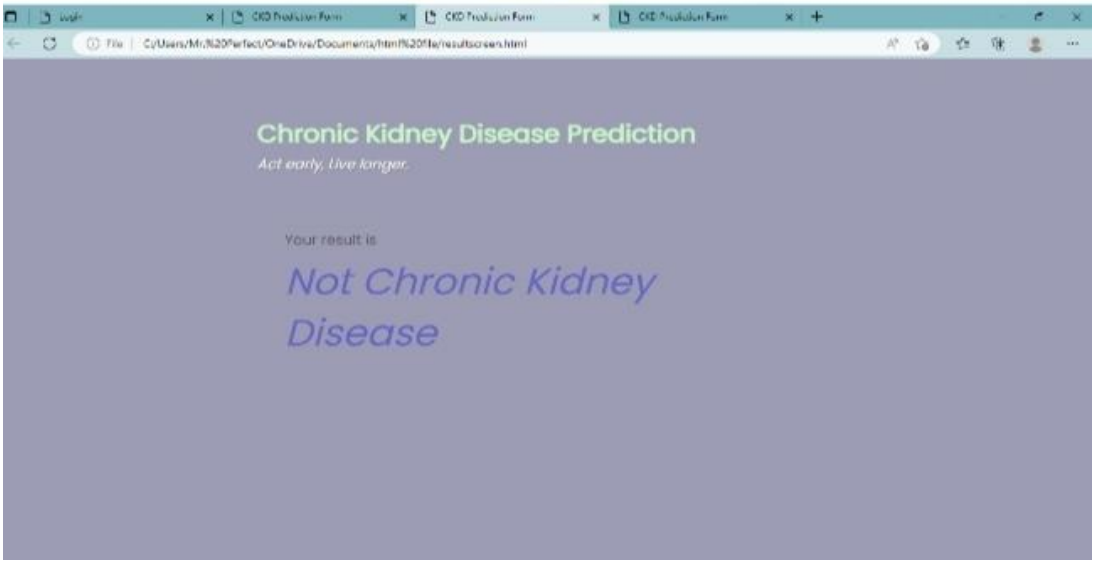
Chronic Kidney Disease Prediction
Act early, Live longer.
Age
Enter your age
Blood Pressure
Enter your blood pressure
Specific Gravity
Enter your specific gravity
Albumin
Enter your albumin content
Sugar
Enter your sugar level
Red Blood Cells


Red Blood Cells
Normal
Pus Cells
Normal
Pus Cell Clumps
Present
Bacteria
Present
Blood Glucose Random
Enter your blood glucose random level
Blood Urea
Enter your blood urea level
Serum Creatinine
Enter your serum creatinine level

Serum Creatinine
Enter your serum creatinine level
Sodium
Enter your sodium level
Potassium
Enter your potassium level
Hemoglobin
Enter your hemoglobin level
Packed Cell Volume
Enter your packed cell volume
White Blood Cell Count
Enter your white blood cell count
Red Blood Cell Count
Enter your red blood cell count

Red Blood Cell Count
Enter your red blood cell count
Hypertension
Yes
Diabetes Mellitus
Yes
Coronary Artery Disease
Yes
Appetite
Good
Pedal Edema
Yes
Anemia
Yes


Diabetes Mellitus
Yes
Coronary Artery Disease
Yes
Appetite
Good
Pedal Edema
Yes
Anemia
Yes
SUBMIT


Chronic Kidney Disease Prediction
Act early, Live longer.
Your result is
Not Chronic Kidney Disease