

## SPRINT 3

Date	14 November 2022
Team ID	PNT2022TMID38667
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning

**In this sprint we are doing local deployment**

- App.py Code Screen**

App.py - C:\Users\ELCOT\Downloads\App.py (3.9.2)

File Edit Format Run Options Window Help

```
import numpy as np
import pandas as pd
from flask import Flask, request, render_template
import pickle

app = Flask(__name__)
model = pickle.load(open('CKD.pkl', 'rb'))

@app.route('/')
def home():
    return render_template('home.html')

@app.route('/Prediction', methods=['POST', 'GET'])
def prediction():
    return render_template('indexnew.html')

@app.route('/Home', methods=['POST', 'GET'])
def my_home():
    return render_template('home.html')

@app.route('/predict', methods=['POST'])
def predict():
    #input_features = ([int(x) for x in request.form.values()])
    blood_urea = request.form["blood_urea"]
    blood_glucose_random = request.form["blood_glucose_random"]
    anemia = request.form["Anemia"]
    if (anemia == "no"):
        anemia = 0
    if (anemia == "yes"):
        anemia = 1
    coronary_artery_disease = request.form["coronary_artery_disease"]
    if (coronary_artery_disease == "no"):
        coronary_artery_disease = 0
    if (coronary_artery_disease == "yes"):
        coronary_artery_disease = 1
    pus_cell = request.form["pus_cell"]
```

- home.html Code Screen

```

1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine
  Learning</title>
5 <link rel="stylesheet" href="style.css">
6 <link href="https://fonts.googleapis.com/css?
  family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
  awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <body>
10 <section class="header">
11 <nav>
12 <a href="index.html"></a>
13 <div class="nav-links" id="navLinks">
14 <i class="fa fa-close" onclick="hideMenu()"></i>
15 <ul>
16 <li><a href="index.html">HOME</a></li>
17 <li><a href="about.html">ABOUT</a></li>
18 <li><a href="prediction.html">PREDICTION</a></li>
19 <li><a href="result.html">RESULT</a></li>
20 <li><a href="contact.html">CONTACT</a></li>
21 </ul>
22 </div>
23 <i class="fa fa-bars" onclick="showMenu()"></i>
24 </nav>
25 <div class="text-box">
26 <h1>An Early Detection Can Save Many Lives</h1>
27 <p>Early Detection of Chronic Kidney Disease using Machine
  Learning</p>
28 <a href="contact.html" class="hero-btn">Visit Us to Know More</a>
29 </div>
30 </section>
31
32 <!-- Symptoms -->
33 <section class="facility">
34 <h1>Symptoms</h1>
35 <!-- Generally, symptoms are not shown explicitly. Some of them are -->
36

```

- about.html Code Screen

```

1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine
  Learning</title>
5 <link rel="stylesheet" href="style.css">
6 <link href="https://fonts.googleapis.com/css?
  family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
  awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <body>
10 <section class="sub-header">
11 <nav>
12 <a href="index.html"></a>
13 <div class="nav-links" id="navLinks">
14 <i class="fa fa-close" onclick="hideMenu()"></i>
15 <ul>
16 <li><a href="index.html">HOME</a></li>
17 <li><a href="about.html">ABOUT</a></li>
18 <li><a href="prediction.html">PREDICTION</a></li>
19 <li><a href="result.html">RESULT</a></li>
20 <li><a href="contact.html">CONTACT</a></li>
21 </ul>
22 </div>
23 <i class="fa fa-bars" onclick="showMenu()"></i>
24 </nav>
25 <h1>About Us</h1>
26 </section>
27
28 <!-- about us content -->
29
30 <section class="about-us">
31 <div class="row">
32 <div class="about-col">
33 <h1>Chronic Kidney Disease using Machine Learning</h1>
34 <p>In this project, we have provided a solution to find chronic
  kidney disease using machine learning techniques which produces
  high accurate results.</p>
35 <a href="https://www.youtube.com/c/EasyTutorialsVideo?
  sub_confirmation=1" class="hero-btn red-btn">EXPLORE NOW</a>
36 </div>
37 <div class="about-col">
38 
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine
  Learning</title>
5 <link rel="stylesheet" href="style.css">
6 <link href="https://fonts.googleapis.com/css?
  family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
  awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <body>
10 <section class="sub-header">
11 <nav>
12 <a href="index.html"></a>
13 <div class="nav-links" id="navLinks">
14 <i class="fa fa-close" onclick="hideMenu()"></i>
15 <ul>
16 <li><a href="index.html">HOME</a></li>
17 <li><a href="about.html">ABOUT</a></li>
18 <li><a href="prediction.html">PREDICTION</a></li>
19 <li><a href="result.html">RESULT</a></li>
20 <li><a href="contact.html">CONTACT</a></li>
21 </ul>
22 </div>
23 <i class="fa fa-bars" onclick="showMenu()"></i>
24 </nav>
25 </section>
26
27 <!-- Blog Page Content -->
28
29 <section class="blog-content">
30 <div class="row">
31 <div class="blog-left">
32 
33 <h2>Early Detection of Chronic Kidney Disease</h2>
34
35 <p>Living with diabetes is difficult, thinking about what you eat.
  But controlling the sugar levels are really important for helping
  kidney function and specifically slowing down any damage to the
  kidneys. Newer drugs that have come out in the last couple years can
  help with this, as well as working with your primary care physician
  or endocrinologist with your current therapies to get better sugar
  control.
36

```

- result.html Code Screen

```

1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine
  Learning</title>
5 <link rel="stylesheet" href="style.css">
6 <link href="https://fonts.googleapis.com/css?
  family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
  awesome/4.7.0/css/font-awesome.min.css">
8 </head>
9 <body id="top">
10 <section class="sub-header">
11 <nav>
12 <a href="index.html"></a>
13 <div class="nav-links" id="navLinks">
14 <i class="fa fa-close" onclick="hideMenu()"></i>
15 <ul>
16 <li><a href="index.html">HOME</a></li>
17 <li><a href="about.html">ABOUT</a></li>
18 <li><a href="prediction.html">PREDICTION</a></li>
19 <li><a href="result.html">RESULT</a></li>
20 <li><a href="contact.html">CONTACT</a></li>
21 </ul>
22 </div>
23 <i class="fa fa-bars" onclick="showMenu()"></i>
24 </nav>
25 <h1>Prediction Result</h1>
26 </section>
27
28 <section>
29 <div class="container">
30 <div class="row">
31
32
33 <div style="background-color: pink; text-align: center;">
34 <h1>Chronic Kidney Disease</h1><h3>Machine Learning
  Web Application</h3>
35 </div>
36 <br/>
37 <br/>
38
39 <div class="col-md-8 col-sm-7">
40 {{prediction_text}}
41

```

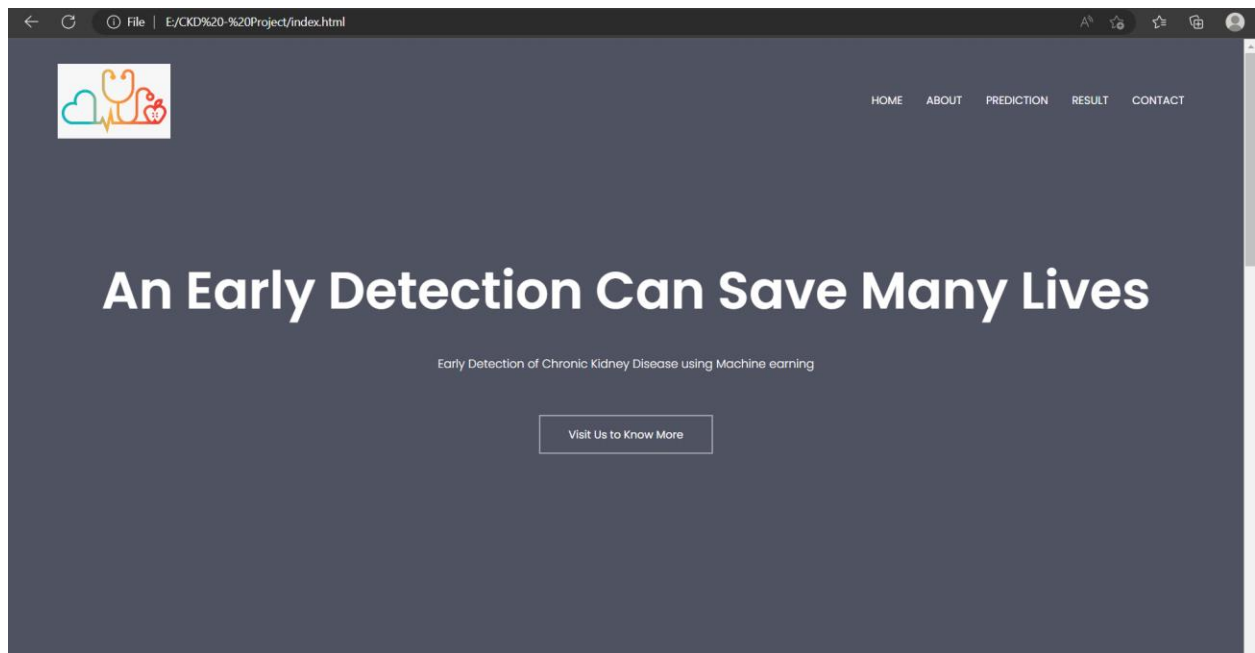
- **contact.html Code Screen**

```

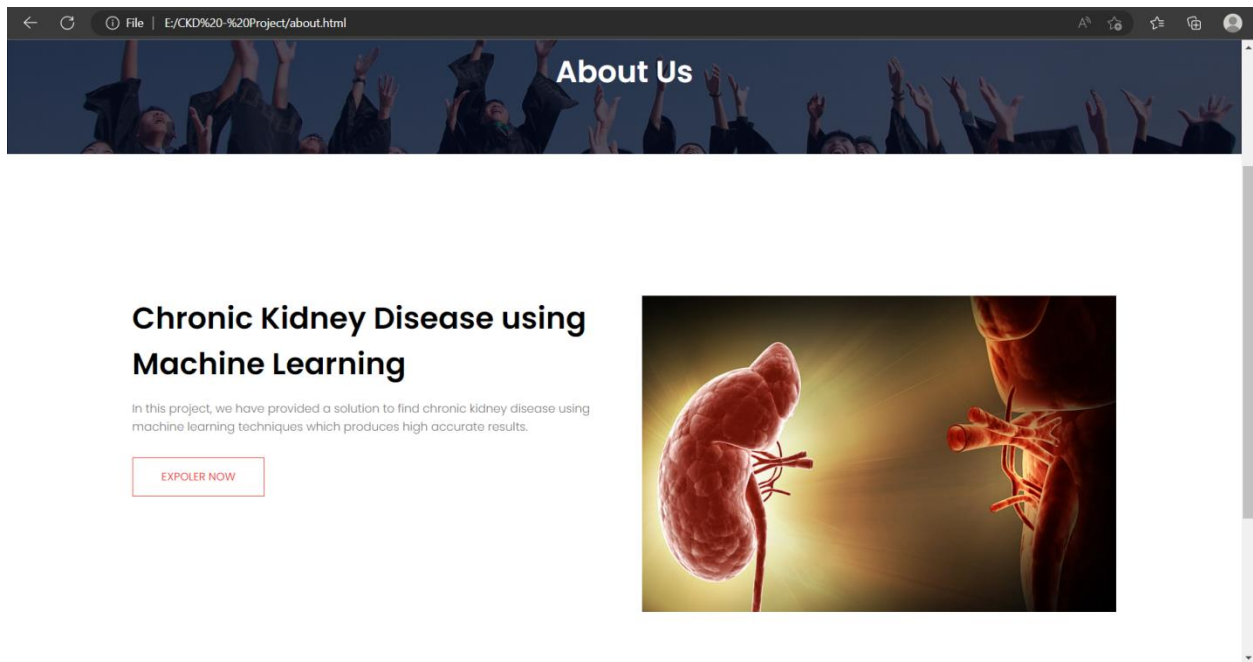
1 <html>
2 <head>
3 <meta name="viewport" content="width=device-width, initial-scale=1.0">
4 <title>Early Detection of Chronic Kidney Disease using Machine
5 </title>
6 <link rel="stylesheet" href="style.css">
7 <link href="https://fonts.googleapis.com/css?
8 family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
9 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
10 awesome/4.7.0/css/font-awesome.min.css">
11 </head>
12 <body>
13 <section class="sub-header">
14 <nav>
15 <div class="nav-links" id="navLinks">
16 <ul>
17 <li><a href="index.html">HOME</a></li>
18 <li><a href="about.html">ABOUT</a></li>
19 <li><a href="prediction.html">PREDICTION</a></li>
20 <li><a href="result.html">RESULT</a></li>
21 <li><a href="contact.html">CONTACT</a></li>
22 </ul>
23 </div>
24 <div class="fa fa-bars" onclick="showMenu()"></div>
25 <h1>Contact Us</h1>
26 </section>
27
28 <!-- Contact Us -->
29
30
31
32 <section class="location">
33 <iframe src="https://www.google.com/maps/embed?
34 pb=11m1811m1211m311d3887.36814467862312d77.5538434141903713d13.01
35 221241750802812m311f012f013f013m211102412176814f13.113m311m211s0
36 x3bae3d7f3535d71b%3A0x660d25b66e9fb25c12sWorld+Trade+Centre!5e013
37 m211sen12sin14v156525508036715m211sen12sin" width="720"
38 height="445" frameborder="0" style="border:0" allowfullscreen>
39 </iframe>
40 </section>
41 <section class="contact-us">

```

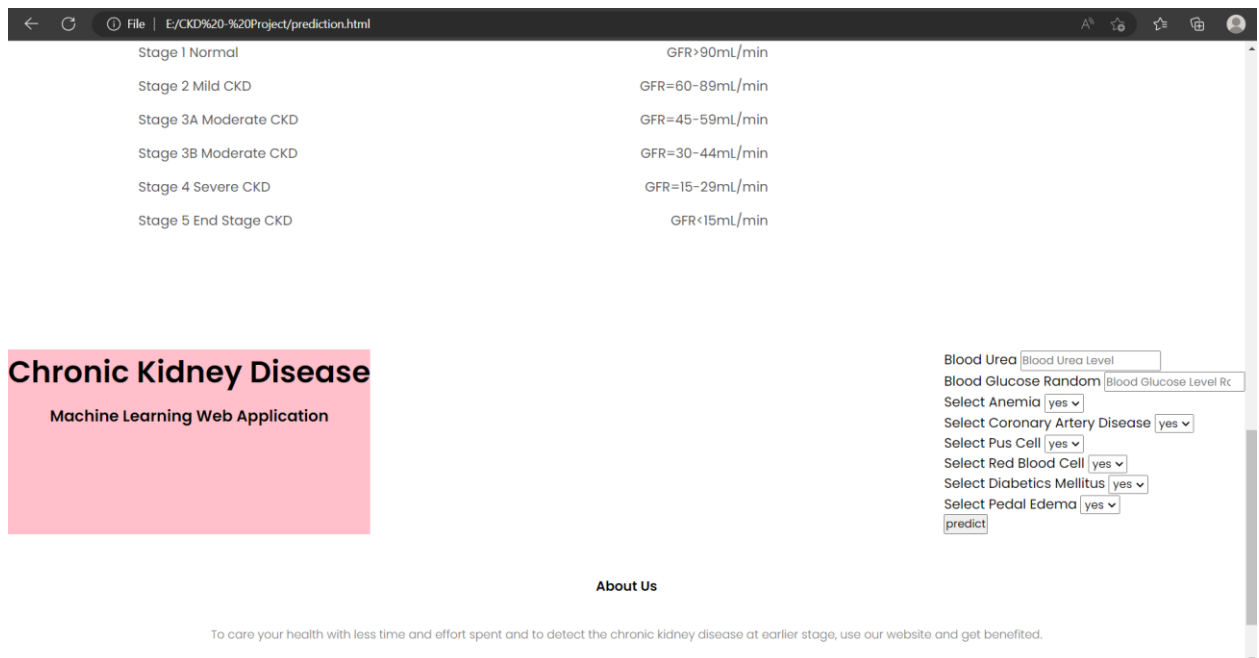
## LOCAL DEPLOYMENT SCREEN:



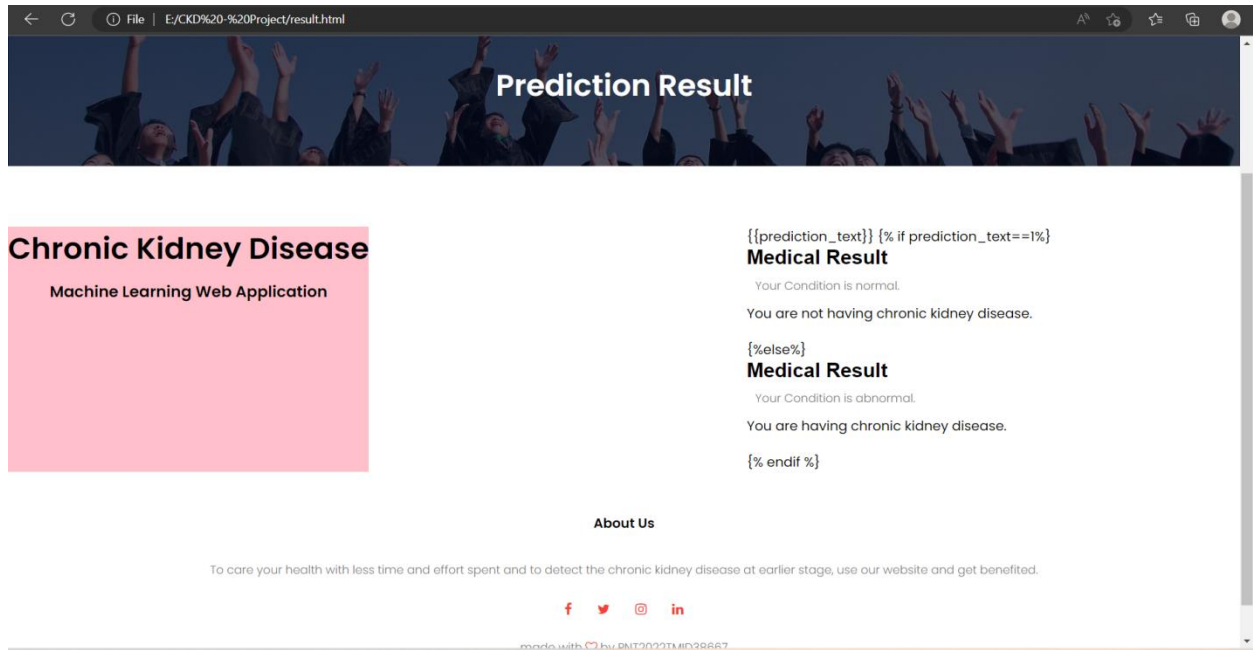
## about.html




## prediction.html




## result.html




## contact.html



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