Project Development Phase
Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID30154
Project Name	Project - Early Detection of Chronic Kidney Disease

USN 1 - As a user, I can complete my profile section with basic information.

HTML CODE :

```html
<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content= "width=device-width,initial-scale=1,shrink-
to-fit=no">
    <title>CKD</title>
    <link rel="stylesheet" href="static/css/Home page.css" type="text/css">
    <link rel="icon" type="image/x-icon" href="static/images/title.png">

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2"
crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css"
    integrity="sha512-
PgQMlq+nqFLV4ylk1gwUOgm6CtIIXkKwaIHp/PAIWHzig/lKZSEGKEysh0TCVbHJXCLN7WetD8TFec
Iky75ZfQ=="crossorigin="anonymous" />
  </head>

  <body style= "background-color:rgba(217, 235, 241, 0.726)">
    <section class="header_menu" id="header_menu" >
      <div class="container-fluid px-0 shadow">
        <nav class="navbar navbar-expand-lg navbar-light bg-white py-1 ">
          <a class="navbar-brand pl-5 pl-small-0">
            <img src="static/images/ckd_logo.jpeg" class="img img-fluid"
width="120px" alt="logo">
          </a>
          <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
              <span class="navbar-toggler-icon"></span>
```

```html
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav">
              <li class="nav-item">
                  <a class="nav-link" href="/home" style="color:rgba(19, 88,
179, 0.795)">HOME </a>
              </li>
        </div>
      </nav>
    </div>
  </section>

  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
  <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
    integrity="sha384-
9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
    crossorigin="anonymous"></script>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js"
    integrity="sha384-
w1Q4orYjBQndcko6MimVbzY0tgp4pWB4lZ7lr30WKz0vr/aWKhXdBNmNb5D92v7s"
    crossorigin="anonymous"></script>

  <div class="text">
    <h1 class="content"> Chronic Kidney <br>
      <sapn style="color: rgb(35, 126, 245);"> Disease</sapn><br>Predictor
    </h1>
  </div>

  <div class="polaroid-wrapper">
    <div class="polaroid">
      <a href="/predictor"><img class="one"src="static/images/hppro.jpg"
alt="5 Terre" width="200px"></a>
        <div class="container">
          <p><a href="/predictor">PREDICTOR</a></p>
        </div>
    </div>

    <div class="polaroid2">
      <a href="/information"><img class="two" src="static/images/hpinfo.jpg"
alt="5 Terre" width="200px" height="185px"></a>
        <div class="container2">
          <p><a href="/information">INFORMATION</a></p>
        </div>
```

```
        </div>

    <div class="polaroid1">
     <a href="/bmi" ><img class="three" src="static/images/hpbmi.jpg" alt="5
Terre" width="200px" height="185px"></a>
        <div class="container2">
            <p><a href="/bmi" >BMI CALC </a></p>
         </div>
      </div>
    </div>
  </body>
</html>
```

CSS CODE:

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
html,body{
    height: 100%;
    width: 100%;
}
body{
    background-image: url(/static/images/hpbg.jpg);
    background-size:100% 400px;
    background-repeat: no-repeat;
    background-color: rgba(217, 235, 241, 0.726);
}
ul li{
    list-style: none;
    font-size: 16px;
    font-family:Arial;
    margin-left:48px;
}
ul li a{
    text-decoration: none;
    color: rgba(19, 88, 179, 0.795);
    font-weight: bold;
    transition: text 0.2s ease;
}
.text{
    width:1200px;
    height:auto;
    margin:auto;
    color:white;
}
```

```css
.content{
    font-size: 50px;
    padding: 35px;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    margin-top: -5px;
}
.polaroid-wrapper{
    padding-inline: 100px;
    display: flex;
    flex-direction: row;
    align-items: center;
    justify-content: space-evenly;
}
@media screen and (max-width: 664px) {
  .polaroid-wrapper{
    flex-direction: column;
  }
}
div.polaroid {
    width: 200px;
    height:235px;
    background-color: rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
}
@media screen and (max-width: 664px) {
  div.polaroid{
    width: 350px;
    height:235px;
    background-color: rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
  }
}
@media screen and (max-width: 664px) {
  img.one{
    width: 350px;
    height: 180px;
  }
}
div.container {
    justify-content: center;
    text-align: center;
    padding: 10px 30px;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    color: white
```
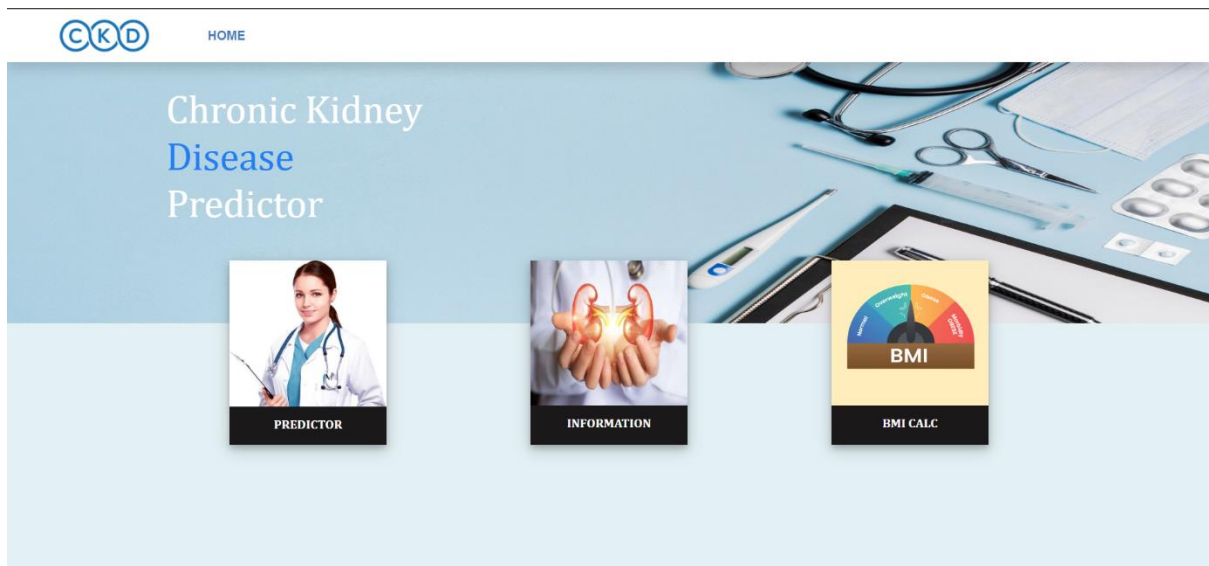
```css
}
div.container p a{
    text-decoration: none;
    color:white;
    font-weight: bold;
}
div.container p a:hover{
    color:rgb(233, 240, 136);
}
div.polaroid1 {
    width: 200px;
    height:235px;
    background-color:  rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
}
@media screen and (max-width: 664px) {
  div.polaroid1{
    width: 350px;
    height:235px;
    background-color: rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
  }
}
@media screen and (max-width: 664px) {
  img.three{
    width: 350px;
    height: 180px;
  }
}
div.container1 {
    justify-content: center;
    text-align: center;
    padding: 10px 30px;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    color: white
}
div.container1 p a{
    text-decoration: none;
    color:white;
    font-weight: bold;
}
div.container1 p a:hover{
    color:rgb(233, 240, 136);
}
```

```css
div.polaroid2 {
    width: 200px;
    height:235px;
    background-color: rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
}
@media screen and (max-width: 664px) {
  div.polaroid2{
    width: 350px;
    height:235px;
    background-color: rgb(26, 25, 25);
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0,
0.19);
    margin-bottom: 25px;
  }
}
@media screen and (max-width: 664px) {
  img.two{
    width: 350px;
    height: 180px;
  }
}
div.container2 {
    justify-content: center;
    text-align: center;
    padding: 10px 30px;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    color: white;
}
div.container2 p a{
    text-decoration: none;
    color:white;
    font-weight: bold;
}
div.container2 p a:hover{
    color:rgb(233, 240, 136);
}
```

OUTPUT :

USN 2 : As a user, I can view the all relevant information regarding the disease.

HTML CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>INFORMATION</title>
    <link rel="icon" type="image/x-icon" href="static/images/title.png">
    <link href="static/css/Information.css" rel="stylesheet" type="text/css"
/>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css"
    integrity="sha512-
PgQMlq+nqFLV4ylk1gwUOgm6CtIIXkKwaIHp/PAIWHzig/lKZSEGKEysh0TCVbHJXCLN7WetD8TFec
Iky75ZfQ=="
    crossorigin="anonymous" />
```

```html
</head>

<body id='top'>
    <section class="header_menu" id="header_menu" >
        <div class="container-fluid px-0 shadow">
            <nav class="navbar navbar-expand-lg navbar-light bg-white py-1">
                <a class="navbar-brand pl-5 pl-small-0" >
                    <img src="static/images/ckd_logo.jpeg" class="img img-fluid" width="120px" alt="logo">
                </a>
                <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"
                    aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarSupportedContent">
                    <ul class="navbar-nav">
                        <li class="nav-item">
                            <a class="nav-link" href="/home" style="color:rgba(19, 88, 179, 0.795)">HOME </a>
                        </li>
                    </ul>
                </div>
            </nav>
        </div>
    </section>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
    integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
    crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js"
    integrity="sha384-w1Q4orYjBQndcko6MimVbzY0tgp4pWB4lZ7lr30WKz0vr/aWKhXdBNmNb5D92v7s"
    crossorigin="anonymous"></script>

    <div class="container">
        <div class="box1">
            <h2 class="hold">Chronic Kindney Disease</h2>
```

```html
        <p class="par">Chronic kidney disease, also called chronic kidney
failure, involves a gradual loss of kidney function.
            Your kidneys filter wastes and excess fluids from your blood,
which are then removed in your urine.
            Advanced chronic kidney disease can cause dangerous levels of
fluid, electrolytes and wastes to build up in your body.
            In the early stages of chronic kidney disease, you might have few
signs or symptoms.
            You might not realize that you have kidney disease until the
condition is advanced.
            Treatment for chronic kidney disease focuses on slowing the
progression of kidney damage, usually by controlling the cause.
            But, even controlling the cause might not keep kidney damage from
progressing.
            Chronic kidney disease can progress to end-stage kidney failure,
which is fatal without artificial filtering (dialysis) or
            a kidney transplant.</p>
        </div>

        <div class="box2">
            <h2 class="hold">Symptoms Of CKD</h2>
            <p class="par">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: </p>
                <div class="uni">
                <ul >
                    <li>Nausea</li>
                    <li>Vomiting</li>
                    <li>Loss of appetite</li>
                    <li>Fatigue and weakness</li>
                    <li>Sleep problems</li>
                    <li>Urinating more or less</li>
                    <li>Decreased mental sharpness</li>
                    <li>Muscle cramps</li>
                    <li>Swelling of feet and ankles</li>
                    <li>Dry, itchy skin</li>
                    <li>High blood pressure (hypertension) that's difficult to
control</li>
                    <li>Shortness of breath, if fluid builds up in the
lungs</li>
                    <li>Chest pain, if fluid builds up around the lining of
the heart</li>
                </ul>
            </div>
        </div>
```

```html
        <div class="box3">
            <h2 class="hold">Risk Factors</h2>
            <p class="par">Factors that can increase your risk of chronic
kidney disease include:</p>
            <div class="uni">
                <ul >
                    <li>Diabetes</li>
                    <li>High blood pressure</li>
                    <li>Heart (cardiovascular) disease</li>
                    <li>Smoking</li>
                    <li>Obesity</li>
                </ul>
            </div>
        </div>

        <div class="box4">
            <h2 class="hold">Causes</h2>
            <p class="par">Chronic kidney disease can affect almost every part
of your body. Potential complications include:
                Fluid retention, which could lead to swelling in your arms and
legs, high blood pressure, or fluid in your lungs (pulmonary edema)
                A sudden rise in potassium levels in your blood
(hyperkalemia), which could impair your heart's function and can be life-
threatening
                Anemia.<br>
                Heart disease.<br>
                Weak bones and an increased risk of bone fractures.<br>
                Decreased sex drive, erectile dysfunction or reduced
fertility.<br>
                Damage to your central nervous system, which can cause
difficulty concentrating, personality changes or seizures.<br>
                Decreased immune response, which makes you more vulnerable to
infection.<br>
                Pericarditis, an inflammation of the saclike membrane that
envelops your heart (pericardium).<br>
                Pregnancy complications that carry risks for the mother and
the developing fetus.<br>
                Irreversible damage to your kidneys (end-stage kidney
disease), eventually requiring either dialysis or a kidney transplant for
survival.</p>
        </div>

        <div class="box5">
            <h2 class="hold">Doctor viewport</h2>
            <p class="par">The doctor may perform a CT scan to get a picture
of your kidneys and urinary tract to spot any kidney or
```

```
                urinary tract structure problems. Using this test, they can
determine if your kidneys are too large or small or
                have issues like a kidney stone or tumor. They may also choose to
biopsy the kidney to check for a specific type of
                kidney disease, see how much kidney damage has occurred, and help
plan treatment. During this procedure, the doctor
                removes small pieces of kidney tissue and looks at them under a
microscope.</p>
                 
                 
                 
            </div>
        </div>
    </body>
</html>
```

CSS CODE :

```css
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}
@import
url('https://fonts.googleapis.com/css2?family=Montserrat&display=swap');

html,body{
  height: 100%;
  width: 100%;
}
body{
    background-image:url(/static/images/infobg.jpg);
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
}
ul li{
    list-style: none;
    font-size: 16px;
    font-family:Arial;
    margin-left:48px;
}
ul li a{
    text-decoration: none;
    color: rgba(19, 88, 179, 0.795);
    font-weight: bold;
}
.container{
```

```css
    width:1200px;
    height:auto;
    margin:auto;
    color:black;
}
.hold{
    font-size: 32px;
    padding: 20px;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    margin-top: 20px;
    font-weight: bold;
}
.par{
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    font-size: 20px;
    padding-left: 20px;
    line-height: 30px;
    letter-spacing: 1px;
    text-align: justify;
}
.uni ul li{
    list-style-type: square;
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    font-size: 20px;
    padding-left: 20px;
    line-height: 30px;
    letter-spacing: 1px;
}
```

OUTPUT :