Sprint 1

PROJECT_DEVELOPMENT_PHASE

Date	29 October 2022
Team ID	PNT2022TMID49652
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	10 Marks

CODE:

USN-2:

Prediction Page:

```
<!DOCTYPE html>

<html>


<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<style>

Body {

  font-family: Calibri, Helvetica, sans-serif;

  background-color: rgba(12, 150, 204, 0.596);

}

button {

    background-color: #0f7183;

    width: 100%;

     color: rgb(18, 168, 206);

    padding: 15px;

    margin: 10px 0px;

    border: none;

    cursor: pointer;

     }
```

```css
input[type=text], input[type=password] {
    width: 100%;
    margin: 8px 0;
    padding: 12px 20px;
    display: inline-block;
    border: 2px solid green;
    box-sizing: border-box;
}
button:hover {
    opacity: 0.7;
}
.cancelbtn {
    width: auto;
    padding: 10px 18px;
    margin: 10px 5px;
}


.container {
    padding: 25px;
    background-color: rgba(230, 173, 173, 0);
}
</style>
</head>
<body>
```

```
<div class="p-4">

   <div class="row mb-3">

      <div class="col-4">

         <h1 class="text-responsive-h">

            Enter your details and get probability of your CKD result

         </h1>

         <p class="text-responsive">

            Users are worried about their health condition.Chronic kidney disease (CKD) is one
of the most critical health problems due to its increasing prevalence. In this website, we aim to
test the ability of machine learning algorithm for the prediction of chronic kidney disease using
the smallest subset of features.


         <div class="col-8">

            <div class="card p-2 ms-2 my-2">

               <div class="card-body">

                  <h2 class="card-title pb-4">

                     Enter the details

                  </h2>

                  <form action="/" method="post" id="theForm">

                     <div class="row mb-3">

                        <label for="gre" class="col-lg-2 col-form-label">ID:</label>

                        <div class="col-lg-10">

                           <input type="number" class="form-control" id="gre" name="gre"
required>

                        </div>

                     </div>

                     <div class="row mb-3">

                        <label for="tofel" class="col-lg-2 col-form-label">Age:</label>

                        <div class="col-lg-10">
```

```html
                <input type="number" class="form-control" id="tofel" name="tofel"
required>
                </div>
            </div>
            <div class="row mb-3">
                <label for="university_rating" class="col-lg-2 col-form-label">BP:</label>
                <div class="col-lg-10">
                    <input type="number" class="form-control" id="university_rating"
step="0.01" name="university_rating" required>
                </div>
            </div>
            <div class="row mb-3">
                <label for="sop" class="col-lg-2 col-form-label">SG:</label>
                <div class="col-lg-10">
                    <input type="number" class="form-control" id="sop" name="sop"
step="0.001" required>
                </div>
            </div>
            <div class="row mb-3">
                <label for="lor" class="col-lg-2 col-form-label">AL:</label>
                <div class="col-lg-10">
                    <input type="number" class="form-control" id="lor" name="lor"
step="0.01" required>
                </div>
            </div>
            <div class="row mb-3">
                <label for="cgpa" class="col-lg-2 col-form-label">SU:</label>
                <div class="col-lg-10">
                    <input type="number" class="form-control" id="cgpa" name="cgpa"
step="0.01" required>
```

```html
                    </div>
                </div>
                <fieldset class="row mb-3">
                    <legend class="col-form-label col-sm-2 pt-0">RBC:</legend>
                    <div class="col-sm-10">
                        <div class="form-check">
                            <input class="form-check-input1" type="radio" name="yes_no_radio1" id="gridRadios1" value="1">
                            <label class="form-check-label" for="yes_no_radio">
                            normal
                            </label>
                        </div>
                        <div class="form-check">
                            <input class="form-check-input1" type="radio" name="yes_no_radio1" id="gridRadios2" value="0" checked>
                            <label class="form-check-label" for="yes_no_radio">
                            abnormal
                            </label>
                        </div>
                    </div>
                </fieldset>
                <fieldset class="row mb-3">
                    <legend class="col-form-label col-sm-2 pt-0">PC:</legend>
                    <div class="col-sm-10">
                        <div class="form-check">
                            <input class="form-check-input2" type="radio" name="yes_no_radio2" id="gridRadios1" value="1">
                            <label class="form-check-label" for="yes_no_radio">
                            normal
```

```html
            </label>

          </div>

          <div class="form-check">

            <input class="form-check-input2" type="radio" name="yes_no_radio2"
id="gridRadios2" value="0" checked>

            <label class="form-check-label" for="yes_no_radio">

            abnormal

            </label>

          </div>

        </div>

      </fieldset>

      <fieldset class="row mb-3">

        <legend class="col-form-label col-sm-2 pt-0">PCC:</legend>

        <div class="col-sm-10">

          <div class="form-check">

            <input class="form-check-input3" type="radio" name="yes_no_radio3"
id="gridRadios1" value="1">

            <label class="form-check-label" for="yes_no_radio">

            present

            </label>

          </div>

          <div class="form-check">

            <input class="form-check-input3" type="radio" name="yes_no_radio3"
id="gridRadios2" value="0" checked>

            <label class="form-check-label" for="yes_no_radio">

            notpresent

            </label>

          </div>

        </div>
```

```html
          </fieldset>
          <fieldset class="row mb-3">
            <legend class="col-form-label col-sm-2 pt-0">BA:</legend>
            <div class="col-sm-10">
              <div class="form-check">
                <input class="form-check-input4" type="radio" name="yes_no_radio4" id="gridRadios1" value="1">
                <label class="form-check-label" for="yes_no_radio">
                present
                </label>
              </div>
              <div class="form-check">
                <input class="form-check-input4" type="radio" name="yes_no_radio4" id="gridRadios2" value="0" checked>
                <label class="form-check-label" for="yes_no_radio">
                notpresent
                </label>
              </div>
            </div>
          </fieldset>
          <div class="row mb-3">
            <label for="gre" class="col-lg-2 col-form-label">BGR:</label>
            <div class="col-lg-10">
              <input type="number" class="form-control" id="gre" name="gre" required>
            </div>
          </div>
          <div class="row mb-3">
            <label for="gre" class="col-lg-2 col-form-label">BU:</label>
```

```html
                    <div class="col-lg-10">
                        <input type="number" class="form-control" id="gre" name="gre"
required>
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="gre" class="col-lg-2 col-form-label">SC:</label>
                    <div class="col-lg-10">
                        <input type="number" class="form-control" id="gre" name="gre"
required>
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="gre" class="col-lg-2 col-form-label">SOD:</label>
                    <div class="col-lg-10">
                        <input type="number" class="form-control" id="gre" required>
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="gre" class="col-lg-2 col-form-label">POT:</label>
                    <div class="col-lg-10">
                        <input type="number" class="form-control" id="gre" name="gre"
required>
                    </div>
                </div>
                <div class="row mb-3">
                    <label for="gre" class="col-lg-2 col-form-label">HEMO:</label>
                    <div class="col-lg-10">
                        <input type="number" class="form-control" id="gre" name="gre"
required>
```

```html
            </div>
          </div>
          <div class="row mb-3">
            <label for="gre" class="col-lg-2 col-form-label">PCV:</label>
            <div class="col-lg-10">
              <input type="number" class="form-control" id="gre" name="gre"
required>
            </div>
          </div>
          <div class="row mb-3">
            <label for="gre" class="col-lg-2 col-form-label">WC:</label>
            <div class="col-lg-10">
              <input type="number" class="form-control" id="gre" name="gre"
required>
            </div>
          </div>
          <div class="row mb-3">
            <label for="gre" class="col-lg-2 col-form-label">RC:</label>
            <div class="col-lg-10">
              <input type="number" class="form-control" id="gre" name="gre"
required>
            </div>
          </div>
        </fieldset>
        <fieldset class="row mb-3">
          <legend class="col-form-label col-sm-2 pt-0">HTN:</legend>
          <div class="col-sm-10">
            <div class="form-check">
              <input class="form-check-input" type="radio" name="yes_no_radio5"
id="gridRadios1" value="1">
```

```html
            <label class="form-check-label" for="yes_no_radio">

            yes

            </label>

          </div>

          <div class="form-check">

            <input class="form-check-input" type="radio" name="yes_no_radio5"
id="gridRadios2" value="0" checked>

              <label class="form-check-label" for="yes_no_radio">

              no

              </label>

          </div>

        </div>

      </fieldset>

      <fieldset class="row mb-3">

        <legend class="col-form-label col-sm-2 pt-0">DM:</legend>

        <div class="col-sm-10">

          <div class="form-check">

            <input class="form-check-input" type="radio" name="yes_no_radio6"
id="gridRadios1" value="1">

              <label class="form-check-label" for="yes_no_radio">

              yes

              </label>

          </div>

          <div class="form-check">

            <input class="form-check-input" type="radio" name="yes_no_radio6"
id="gridRadios2" value="0" checked>

              <label class="form-check-label" for="yes_no_radio">

              no

              </label>
```

```html
              </div>

            </div>

          </fieldset>

          <fieldset class="row mb-3">

            <legend class="col-form-label col-sm-2 pt-0">CAD:</legend>

            <div class="col-sm-10">

              <div class="form-check">

                <input class="form-check-input" type="radio" name="yes_no_radio7"
id="gridRadios1" value="1">

                <label class="form-check-label" for="yes_no_radio">

                yes

                </label>

              </div>

              <div class="form-check">

                <input class="form-check-input" type="radio" name="yes_no_radio7"
id="gridRadios2" value="0" checked>

                <label class="form-check-label" for="yes_no_radio">

                no

                </label>

              </div>

            </div>

          </fieldset>

          <fieldset class="row mb-3">

            <legend class="col-form-label col-sm-2 pt-0">APPET:</legend>

            <div class="col-sm-10">

              <div class="form-check">

                <input class="form-check-input" type="radio" name="yes_no_radio8"
id="gridRadios1" value="1">

                <label class="form-check-label" for="yes_no_radio">
```

```
                    good

                    </label>

                </div>

                <div class="form-check">

                    <input class="form-check-input" type="radio" name="yes_no_radio8"
id="gridRadios2" value="0" checked>

                        <label class="form-check-label" for="yes_no_radio">

                        poor

                        </label>

                </div>

            </div>

        </fieldset>

        <fieldset class="row mb-3">

            <legend class="col-form-label col-sm-2 pt-0">PE:</legend>

            <div class="col-sm-10">

                <div class="form-check">

                    <input class="form-check-input" type="radio" name="yes_no_radio9"
id="gridRadios1" value="1">

                        <label class="form-check-label" for="yes_no_radio">

                        yes

                        </label>

                </div>

                <div class="form-check">

                    <input class="form-check-input" type="radio" name="yes_no_radio9"
id="gridRadios2" value="0" checked>

                        <label class="form-check-label" for="yes_no_radio">

                        no

                        </label>

                </div>
```

```html
            </div>

          </fieldset>

          <fieldset class="row mb-3">

            <legend class="col-form-label col-sm-2 pt-0">ANE:</legend>

            <div class="col-sm-10">

              <div class="form-check">

                <input class="form-check-input" type="radio" name="yes_no_radio10"
id="gridRadios1" value="1">

                <label class="form-check-label" for="yes_no_radio">

                yes

                </label>

              </div>

              <div class="form-check">

                <input class="form-check-input" type="radio" name="yes_no_radio10"
id="gridRadios2" value="0" checked>

                <label class="form-check-label" for="yes_no_radio">

                no

                </label>

              </div>

            </div>

          </fieldset>


          <div class="row lg-3">

            <div class="col-lg-2 mb-2 me-3">

              <button type="submit" class="btn btn-primary"
id="button">Predict</button>

            </div>
```

```html
                    </form>
                </div>
            </div>
        </div>
    </div>
<script type="text/javascript" src="../static/js/script.js" async></script>
</body>
</html>
```