

SOURCE CODE

ABOUT

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title>about</title>
    <link rel="stylesheet" href="/static/about.css" />
  </head>
  <body>
    <div class="aboutus-section">
      <div class="container">
        <div class="row">
          <div class="col-md-3 col-sm-6 col-xs-12">
            <div class="aboutus">
              <h2 class="aboutus-title">About</h2>
              <p class="aboutus-text">
                This is a IBM nalayathiran assignment done by team
                PNT2022TMID27954.
              </p>
              <p class="aboutus-text">
                This is a basic webpage where we can sign up with user details
                and we can login with those details. There are 4 pages in this
                webpage first is home page next is a signin page continued with
                a signup page and a about page.
              </p>
            </div>
          </div>
          <div class="col-md-5 col-sm-6 col-xs-12">
            <div class="feature">
              <div class="feature-box">
                <div class="clearfix">
                  <div class="iconset">
                    <span class="glyphicon glyphicon-cog icon"></span>
                  </div>
                  <div class="feature-content">
                    <h4>Technologies used</h4>
                    <p>
                      We have used Flask as a framework html and css for
                      building the webpage and used sqlite3 for database
                      connectivity.
                    </p>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
```

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    </div>
</div>
<div class="feature-box">
  <div class="clearfix">
    <div class="iconset">
      <span class="glyphicon glyphicon-cog icon"></span>
    </div>
    <div class="feature-content">
      <h4>Flask</h4>
      <p>
        Flask is a small and lightweight Python web framework that
        provides useful tools and features that make creating web
        applications in Python easier. It gives developers
        flexibility and is a more accessible framework for new
        developers since you can build a web application quickly
        using only a single Python file.
      </p>
    </div>
  </div>
</div>
<div class="feature-box">
  <div class="clearfix">
    <div class="iconset">
      <span class="glyphicon glyphicon-cog icon"></span>
    </div>
    <div class="feature-content">
      <h4>Team members</h4>
      <li>TEJAVII</li>
      <li>RAMYA RAJANI</li>
      <li>SWETHA</li>
      <li>SWATHI</li>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>
<button type="button">
  <a href="http://127.0.0.1:5500/login.html">GO TO LOG IN PAGE</a>
</button>
</body>
</html>

```

LOG IN

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />

    <link
      rel="stylesheet"
      href="fonts/material-icon/css/material-design-iconic-font.min.css"
    />
    <link rel="stylesheet" href="css/style.css" />
    <title>Welcome to browser</title>
  </head>
  <body>
    <section class="sign-in">
      <div class="container">
        <div class="signin-content">
          <div class="signin-image">
            <a href="/signup" class="signup-image-link">Create an account</a>
          </div>

          <div class="signin-form">
            <h2 class="form-title">login</h2>
            <form method="POST" class="register-form" id="login-form">
              <div class="form-group">
                <label for="your_name">
                  <i class="zmdi zmdi-account material-icons-name"></i>
                </label>
                <input
                  type="text"
                  name="name"
                  id="your_name"
                  placeholder="Your Name"
                />
              </div>
              <div class="form-group">
                <label for="your_pass"><i class="zmdi zmdi-lock"></i></label>
                <input
                  type="password"
                  name="password"
                  id="your_pass"
                  placeholder="Password"
                />
              </div>
              <div class="form-group">
                <input
                  type="checkbox"

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        name="remember-me"
        id="remember-me"
        class="agree-term"
    />
    <label for="remember-me" class="label-agree-term"
    ><span><span></span></span>Remember me</label>
    >
</div>
<div class="form-group form-button">
    <button type="button">
        <a href="http://127.0.0.1:5500/signin.html">LOG IN</a>
    </button>
</div>
</form>
</div>
</div>
</div>
</div>
</section>
</body>
</html>

```

SIGN UP

```

<body>
<div class="main">
    <section class="signup">
        <div class="container">
            <div class="signup-content">
                <div class="signup-form">
                    <h2 class="form-title">Sign up</h2>
                    <form method="POST" class="register-form" id="register-form">
                        <div class="form-group">
                            <label for="name">
                                <i class="zmdi zmdi-account material-icons-name"></i>
                            ></label>
                            <input
                                type="text"
                                name="name"
                                id="name"
                                placeholder="Your Name"
                            />
                        </div>
                        <div class="form-group">
                            <label for="email"><i class="zmdi zmdi-email"></i></label>
                            <input
                                type="email"
                                name="email"

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        id="email"
        placeholder="Your Email"
    />
</div>
<div class="form-group">
    <label for="pass"><i class="zmdi zmdi-lock"></i></label>
    <input
        type="password"
        name="password"
        id="pass"
        placeholder="Password"
    />
</div>
<div class="form-group">
    <label for="re-pass"
        ><i class="zmdi zmdi-lock-outline"></i>
    ></label>
    <input
        type="password"
        name="re_pass"
        id="re_pass"
        placeholder="Repeat your password"
    />
</div>
<div class="form-group">
    <input
        type="checkbox"
        name="agree-term"
        id="agree-term"
        class="agree-term"
    />
    <label for="agree-term" class="label-agree-term"
        ><span><span></span></span></span>I agree all statements in
        <a href="#" class="term-service"
            >Terms and condition of service</a>
    ></label>
    >
</div>
<div class="form-group form-button">
    <button type="button">
        <a href="http://127.0.0.1:5500/code.html">REGISTER</a>
    </button>
</div>
</form>
</div>
<div class="signup-image">
    <a href="/signin" class="signup-image-link">I am already member</a>
</div>

```

```
</div>
</div>
</section>
</div>
</body>
```

HEART DISEASE PREDICTOR

```
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.3" />
  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
  <!-- <link rel="stylesheet" href="styles.css">-->
  <title>Heart Disease Prediction</title>
</head>
<style>
  @import url("https://fonts.googleapis.com/css2?family=Montserrat:wght@500&display=swap");
  * {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Montserrat", sans-serif;
    color: black;
  }
  body {
    background: url("https://miro.medium.com/max/640/1*hj18nKHXLOD8H1jksQtN3A.png")
      top;
    padding: 0 20px;
    background-size: cover;
  }
  .wrapper {
    max-width: 500px;
    width: 100%;
    background: rgba(0, 0, 0, 0.7);
    margin: 20px auto;
    padding: 30px;
    box-shadow: 1px 1px 2px rgba(0, 0, 0, 1.25);
  }
  .wrapper .title {
    font-size: 24px;
    font-weight: 700;
    margin-bottom: 25px;
    color: #fec107;
    text-transform: uppercase;
    text-align: center;
  }
}
```

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.wrapper .form {
  width: 100%;
}
.wrapper .form .input_field {
  margin-bottom: 15px;
  display: flex;
  align-items: center;
}
.wrapper .form .input_field label {
  width: 80px;
  font: bold;
  color: wheat;
  margin-right: 10px;
  font-size: 14px;
}
.wrapper .form .input_field input {
  width: 100px;
}
.wrapper .form .input_field .textarea {
  resize: none;
  height: 250px;
  width: 500px;
}
</style>
<body>
  <form action="{{ url_for('predict')}}" method="post">
    <div class="wrapper">
      <div class="title">
        <h1 style="color: white">Heart Disease Prediction</h1>
      </div>
      <div class="form">
        <div class="input_field">
          <textarea
            style="color: skyblue; background: rgba(0, 0, 0, 0.4)"
            class="textarea"
            readonly
          >

```

1 - male

0 - female

Chest-pain type: displays the type of chest-pain experienced by the individual using the following format :

0 - typical angina

1 - atypical angina

2 - non — anginal pain

3 - asymptotic

Resting Blood Pressure: displays the resting blood pressure value of an individual in mmHg (unit)

Serum Cholestrol: displays the serum cholesterol in mg/dl (unit)

Fasting Blood Sugar: compares the fasting blood sugar value of an individual with 120mg/dl.

If fasting blood sugar > 120mg/dl then : 1 (true) else : 0 (false)

Resting ECG : displays resting electrocardiographic results

0 - normal

1 - having ST-T wave abnormality

2 - left ventricular hypertrophy

Max heart rate achieved : displays the max heart rate achieved by an individual.

Exercise induced angina :

1 - yes

0 - no

ST depression induced by exercise relative to rest: displays the value which is an integer or float.

Peak exercise ST segment :

1 - upsloping

2 - flat

3 - downsloping

Number of major vessels (0-3) colored by flourosopy : displays the value as integer or float.

Thal : displays the thalassemia :

0 - normal

1 - fixed defect

2 - reversible defect

Diagnosis of heart disease : Displays whether the individual is suffering from heart disease or not :

0 - absence

1, 2, 3, 4 - present.

```
</textarea
```

```
>
```

```
</div>
```

```
<div class="input_field">
```

```
<label>AGE</label>
```

```
<input
```

```
type="number"
```

```
id="age"
```

```
min="0"
```

```
max="150"
```

```
name="age"
```

```
class="input_text"
```

```
/>
```

```
<br />
```

```
<i style="font-size: 10px; color: white">(Age: 1 - 150)</i>
```

```
</div>
```

```
<div class="input_field">
```

```
<label>SEX</label>
```

```
<input
```

```
type="number"
```

```
min="0"
```

```
max="1"
```

```
name="sex"
```

```
id="sex"
```

```
class="input_text"
```



```
    />
    <br />
    <i style="font-size: 10px; color: white">(Male: 1 & Female: 0)</i>
  </div>
  <div class="input_field">
    <label>CP</label>
    <input
      type="number"
      name="cp"
      id="cp"
      min="0"
      max="3"
      class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
      >(Enter Single Value From Range 0-3)</i>
    >
  </div>
  <div class="input_field">
    <label>TRESTBPS</label>
    <input
      name="trestbps"
      id="trestbps"
      type="number"
      min="0"
      step="1"
      class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
      >(Enter Non-Decimal Value)</i>
    >
  </div>
  <div class="input_field">
    <label>CHOL</label>
    <input
      name="chol"
      id="chol"
      type="number"
      min="0"
      step="1"
      class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
      >(Enter Non-Decimal Value)</i>
    >
  </div>
```

```
</div>
<div class="input_field">
  <label>FBS</label>
  <input
    type="number"
    min="0"
    max="1"
    name="fbs"
    id="fbs"
    class="input_text"
  />
  <br />
  <i style="font-size: 10px; color: white">(1 = True; 0 = False)</i>
</div>
<div class="input_field">
  <label>RESTECG</label>
  <input
    type="number"
    name="restecg"
    min="0"
    max="2"
    id="restecg"
    class="input_text"
  />
  <br />
  <i style="font-size: 10px; color: white"
    >(Enter Single Value From Range 0-2)</i>
  >
</div>
<div class="input_field">
  <label>THALACH</label>
  <input
    name="thalach"
    id="thalach"
    type="number"
    min="0"
    step="1"
    class="input_text"
  />
  <br />
  <i style="font-size: 10px; color: white"
    >(Enter Non-Decimal Value)</i>
  >
</div>
<div class="input_field">
  <label>EXANG</label>
  <input
    type="number"
```

```
        min="0"
        max="1"
        name="exang"
        id="exang"
        class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
    >(Exercise: 1 = YES; 0 = NO)</i>
    >
</div>
<div class="input_field">
    <label>OLDPEAK</label>
    <input
        name="oldpeak"
        id="oldpeak"
        type="number"
        min="0"
        step="0.01"
        class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white">(Enter Decimal Value)</i>
</div>
<div class="input_field">
    <label>SLOPE</label>
    <input
        type="number"
        min="0"
        max="2"
        name="slope"
        id="slope"
        class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
    >(Enter Single Value From Range 0-2)</i>
    >
</div>
<div class="input_field">
    <label>CA</label>
    <input
        type="number"
        name="ca"
        min="0"
        max="4"
        id="ca"
        class="input_text"
    />
    <br />
    <i style="font-size: 10px; color: white"
    >(Enter Single Value From Range 0-4)</i>
    >
</div>
```

```

/>
<br />
<i style="font-size: 10px; color: white"
>(Enter Single Value From Range 0-4)</i>
>
</div>
<div class="input_field">
<label>THAL</label>
<input
type="number"
name="thal"
min="0"
max="3"
id="thal"
class="input_text"
/>
<br />
<i style="font-size: 10px; color: white"
>(Enter Single Value From Range 0-3)</i>
>
</div>
<div class="input_field">
<button type="button">
<a href="http://127.0.0.1:5500/code%20output.html">submit</a>
</button>
</div>
<div></div>
</div>
</form>
</body>
</html>

```

