## **TEAM ID: PNT2022TMID49425**

## App.py

```
from flask import render template, Flask, request
import numpy as np
import pickle
from sklearn.preprocessing import scale
app= Flask(__name__, template_folder='templates')
model = pickle.load(open("Rfmodel.pkl",'rb'))
@app.route('/')
def home():
  return render template('home.html')
@app.route('/login.html')
def login():
  return render template('login.html')
@app.route('/procedure.html')
def procedure():
  return render_template('procedure.html')
@app.route('/bank login.html')
def bank():
  return render_template('bank login.html')
@app.route('/About.html')
def about():
  return render_template('About.html')
@app.route('/terms.html')
def terms():
  return render template('terms.html')
@app.route('/register.html')
def register():
  return render template('register.html')
@app.route('/contact.html')
def contact():
  return render_template('contact.html')
@app.route('/home.html')
def home1():
  return render_template('home.html')
@app.route('/prediction.html')
def formpg():
  return render_template('prediction.html')
@app.route('/rating.html')
def rat():
  return render template('rating.html')
@app.route('/prediction.html',methods = ['POST'])
```

```
def predict():
  if request.method=='POST':
     name=request.form['Name']
     gender=request.form['gender']
     married=request.form['married']
dependents=request.form['dependents']
     education=request.form['education']
     employed=request.form['employed']
     credit=request.form['credit']
     proparea=request.form['proparea']
ApplicantIncome=float(request.form['ApplicantIncome'])
CoapplicantIncome=float(request.form['CoapplicantIncome'])
LoanAmount=float(request.form['LoanAmount'])
     Loan_Amount_Term=float(request.form['Loan_Amount_Term'])
  if gender == 'Male':
    gender = 1
  else:
    gender = 0
  if married == 'Yes':
     married = 1
  else:
    married = 0
  if education == 'Graduate':
     education = 0
  else:
     education = 1
  if employed == 'Yes':
     employed = 1
  else:
     employed = 0
  if dependents == '3+':
     dependents = 3
  if credit == 'Yes':
     credit = 1
  else:
    credit = 0
  if proparea == 'Urban':
    proparea = 2
  elif proparea == 'Rural':
     proparea = 0
```

```
else:
     proparea = 1
features =
[gender,married,dependents,education,employed,ApplicantIncome,CoapplicantIncome,LoanAm
ount,Loan_Amount_Term,credit,proparea]
  con features = [np.array(features)]
prediction = model.predict(con_features)
  print(prediction)
  if prediction==1:
     return render_template('approve.html',prediction_text ='Congratulations! '+name+' You are
eligible for loan')
  else:
     return render_template('reject.html',prediction_text ='Sorry '+name+' You are not eligible for
loan')
if __name__ == "__main__":
  app.run(debug=True)
ABOUT . CSS:
#about-section{
  width: 90%;
  height: auto;
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 40px 5%;
}
.about-right{
  width: 57%;
}
.about-right ul li{
  display: flex;
  align-items: center;
}
.about-right h1{
  color: #e74d06;
  font-size: 37px;
  margin-bottom: 5px;
.about-right p{
  color: #444;
  line-height: 26px;
  font-size: 15px;
```

```
.about-right .address{
  margin: 25px 0;
.about-right .address ul li{
  margin-bottom: 5px;
.address .address-logo{
  margin-right: 15px;
  color: #e74d06;
}
.address .saprater{
  margin: 0 20px;
.about-right .expertise ul{
  width: 80%;
  display: flex;
  align-items: center;
  justify-content: space-between;
}
.expertise h3{
  margin-bottom: 10px;
.expertise .expertise-logo{
  font-size: 19px;
  margin-right: 10px;
  color: #e74d06;
}
h3{
  color: #e74d06;
}
.but{
  background-color:#e74d06;
  color: white;
  padding: 5x;
  margin:5px;
  border-radius: 5px;
  width:70px;
  font-weight: bold;
}
```

## **APPROVE . CSS:**

```
@import
url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700&display=swap');
*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: 'Poppins', sans-serif;
html,body{
 display: grid;
 height: 100%;
 place-items: center;
 text-align: center;
 background:white;
}
.container{
 position: relative;
 width: 400px;
 background:black;
 padding: 20px 30px;
 border: 1px solid #444;
 border-radius: 5px;
 display: flex;
 align-items: center;
 justify-content: center;
 flex-direction: column;
.container .post{
 display: none;
.container .text{
 font-size: 25px;
 color: #666;
 font-weight: 500;
}
.container .edit{
 position: absolute;
 right: 10px;
 top: 5px;
 font-size: 16px;
 color: #666;
 font-weight: 500;
 cursor: pointer;
}
```

```
.container .edit:hover{
 text-decoration: underline;
.container .star-widget input{
 display: none;
.star-widget label{
 font-size: 40px;
 color: #444;
 padding: 10px;
 float: right;
 transition: all 0.2s ease;
input:not(:checked) ~ label:hover,
input:not(:checked) ~ label:hover ~ label{
 color: #fd4;
input:checked ~ label{
 color: #fd4;
input#rate-5:checked ~ label{
 color: #fe7;
 text-shadow: 0 0 20px #952;
#rate-1:checked ~ form header:before{
 content: "I just hate the service";
#rate-2:checked ~ form header:before{
 content: "I don't like the service ";
#rate-3:checked ~ form header:before{
 content: "Awesome service";
#rate-4:checked ~ form header:before{
 content: "Satisfied service";
#rate-5:checked ~ form header:before{
 content: "Excellent service ";
}
.container form{
 display: none;
input:checked ~ form{
 display: block;
```

```
form header{
 width: 100%;
 font-size: 25px;
 color: #fe7;
 font-weight: 500;
 margin: 5px 0 20px 0;
 text-align: center;
 transition: all 0.2s ease;
}
form .textarea{
 height: 100px;
 width: 100%;
 overflow: hidden;
}
form .textarea textarea{
 height: 100%;
 width: 100%;
 outline: none;
 color: #eee;
 border: 1px solid #333;
 background: #222;
 padding: 10px;
 font-size: 17px;
 resize: none;
}
.textarea textarea:focus{
 border-color: #444;
}
form .btn{
 height: 45px;
 width: 100%;
 margin: 15px 0;
form .btn button{
 height: 100%;
 width: 100%;
 border: 1px solid #444;
 outline: none;
 background: #222;
 color: #999;
 font-size: 17px;
 font-weight: 500;
 text-transform: uppercase;
```

```
cursor: pointer;
 transition: all 0.3s ease;
form .btn button:hover{
 background: #1b1b1b;
}
h1{
  background:lightpink;
  width:1500px;
  margin:none;
  color: rgb(99, 22, 23);
  padding-top: 20px;
  height:100px;
  margin-top:none;
  border: solid 5px rgb(99, 22, 23);
}
h2{
 color:rgb(42, 117, 7);
 font-size: 40px;
 font-family: 'Times New Roman', Times, serif;
}
h3{
  font-size:30px;
  color:rgb(246, 187, 11);
CONTACT.CSS:
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body{
  background-color:white;
}
.container{
  width: auto;
  margin: auto;
}
.icon{
  width: 200px;
  float: left;
  height: 70px;
}
```

```
ul{
   display: flex;
   list-style-type: none;
}
.contact-section{
   width: 100%;
   display: flex;
  justify-content: center;
   align-items: center;
.contact-info{
   justify-content: left;
   align-items: left;
   color:#ff226f;
   max-width: 500px;
   line-height: 65px;
   padding-left: 25px;
   font-size: 20px;
   font-weight: bold;
 }
 .contact-info i{
   margin-left: 20px;
  font-size: 25px;
 }
 .contact-info{
  flex: 1;
 }
.title{
  text-align: center;
   margin-top: 100px;
   color: #fff;
}
.title h1{
  font-size: 32px;
   line-height: 10px;
}
.title h2{
   font-size: 16px;
}
form{
  margin-top: 50px;
```

```
color: aqua;
}
.form-control{
  width: 600px;
  background: transparent;
  background-color: #fff;
  border: none;
  outline: none;
  border-bottom: 1px solid #ff226f;
  color:black;
  font-size: 18px;
  margin-bottom: 16px;
  padding: 10px;
  font-weight: 200px;
}
input{
  height: 45px;
}
form .submit{
  background-color: #ff226f;
  border-color: transparent;
  color: #fff;
  font-size: 20px;
  letter-spacing: 2px;
  height: 50px;
  margin-top: 20px;
  transition: 0.4s ease;
}
form .submit:hover{
  background-color:#ef3a79;
  cursor: pointer;
}
h1{
  color:#ff226f;
}
.but{
  background-color:#ff226f;
  color: white;
  padding: 10px;
  margin:30px;
  border-radius: 10px;
  width:100px;
  font-weight: bold;
}
```

```
HOME.CSS:
*{
       margin: 0;
       padding: 0;
.container{
       height: 100vh;
       width: 100%;
       background-image: url(background.png);
       background-position: center;
       background-size: cover;
       padding-left: 5%;
       padding-right: 5%;
       box-sizing: border-box;
       position: relative;
}
.navbar{
       width: 100%;
       height: 15vh;
       margin: auto;
       display: flex;
       align-items: center;
}
.logo{
       width: 160px;
       cursor: pointer;
}
.cart{
       width: 40px;
       cursor: pointer;
}
nav{
       flex: 1;
       padding-left: 60px;
nav ul li{
       display: inline-block;
       list-style: none;
       margin: 0px 20px;
nav ul li a{
       text-decoration: none;
       color: #578;
}
```

```
.content h1{
       font-size: 60px;
       font-weight: 100;
       margin-top: 24px;
       margin-bottom: 15px;
       color: #232d60;
}
.content p{
       font-size: 20px;
       color: #6a7199;
}
.content{
       margin-left: 10%;
       margin-top: 10%;
.content .btn{
       display: inline-block;
       background: linear-gradient(45deg, #87adfe, #ff77cd);
       border-radius: 6px;
       padding: 10px 20px;
       box-sizing: border-box;
       text-decoration: none;
       box-shadow: 3px 8px 22px rgba(94,28,68,0.15);
       color:rgb(6, 2, 255);
       font-weight: bold;
}
.arrow-icons{
       margin-top: 40px;
       display: flex;
}
.arrow-icons img{
       width: 40px;
       margin-right: 25px;
.feature-img{
       height: 90%;
       position: absolute;
       bottom: 0;
       right: 160px;
.social-links{
```

```
transform: rotate(-90deg);
       position: absolute;
       left: -80px;
       bottom: 180px;
}
.social-links a{
       text-decoration: none;
       color: #6a7199;
       padding-right: 20px;
       font-size: 14px;
}
PREDICTION.CSS:
body{
  margin:100px;
}
.form-label{
  color:rgb(235, 27, 97);
  font-weight: bolder;
  font-size: 18px;
}
.Heading{
  color:rgb(235, 27, 97);
  font-size: 30px;
  font-weight:bolder;
  padding: 10px;
  margin: 20px;
  font-family: 'Times New Roman', Times, serif;
  width: 100%;
}
.fill{
  color: black;
  font-size: 20px;
  font-weight:15px;
  font-family: 'Times New Roman', Times, serif;
}
#but{
  text-align: center;
  align-items: center;
  justify-content: center;
```

```
}
.mb-3{
  width:85%;
  padding-left:15%;
}
.form-control{
  margin:10px 2px;
  outline: solid 1px lightblue;
}
.form-select{
  margin:10px 2px;
  outline: solid 1px lightblue;
}
.but{
  background-color:rgb(235, 27, 97);
  color:white;
  border-radius: 10px;
  width:100px;
  border-color:white;
  height:50px;
  padding: 10px;
}
#back{
  background-color:rgb(235, 27, 97);
  color:white;
  border-radius: 10px;
  width:100px;
}
PROCEDURE.CSS:
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body{
  background-color:white;
  margin-left: 40px;
}
.title{
  text-align: left;
  margin-top: 100px;
  color: rgb(234, 30, 122);
```

```
}
.title h1{
  font-size: 50px;
  color: rgb(140, 3, 245);
  line-height: 5px;
  text-align: center;
  padding-bottom:50px;
  padding-left: 50px;
  margin-left:300px;
  margin-bottom: 10px;
}
.title h2{
  font-size: 21px;
  text-transform: uppercase;
  background-color:rgb(216, 243, 252);
  padding: 10px;
.title li{
  font-size: 18px;
  color:rgb(23, 22, 22);
  padding-bottom: 20px;
}
.img{
  float: right;
  padding-top:500x;
  padding-bottom: 200px;
  width:350px;
}
.title .cons{
  background-color:rgb(248, 245, 192);
}
.but{
  background-color:#ff226f;
  color: white;
  padding: 5px;
  border-radius: 10px;
  font-weight:bold;
}
REGISTER.CSS:
body{
```

```
padding-top:200px;
padding-bottom:300px;
background:white;
}
.form-signup{
  margin:0 auto;
  max-width:800px;
  max-height:800px;
  background:white;
  padding:25px;
  border-radius: 10px;
  border: 3px solid green;
}
.form-signup h2{
  text-align:center;
}
.reg{
  text-align: center;
  color: green;
  font-family: Arial, Helvetica, sans-serif;
  font-weight:bold;
  font-size:40px;
REJECT.CSS:
@import
url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700&display=swap');
*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: 'Poppins', sans-serif;
}
html,body{
 display: grid;
 height: 100%;
 place-items: center;
 text-align: center;
 background:white;
.container{
 position: relative;
 width: 400px;
```

```
background:black;
 padding: 20px 30px;
 border: 1px solid #444;
 border-radius: 5px;
 display: flex;
 align-items: center;
 justify-content: center;
 flex-direction: column;
.container .post{
 display: none;
}
.container .text{
 font-size: 25px;
 color: #666;
 font-weight: 500;
.container .edit{
 position: absolute;
 right: 10px;
 top: 5px;
 font-size: 16px;
 color: #666;
 font-weight: 500;
 cursor: pointer;
}
.container .edit:hover{
 text-decoration: underline;
}
.container .star-widget input{
 display: none;
.star-widget label{
 font-size: 40px;
 color: #444;
 padding: 10px;
 float: right;
 transition: all 0.2s ease;
}
input:not(:checked) ~ label:hover,
input:not(:checked) ~ label:hover ~ label{
 color: #fd4;
input:checked ~ label{
```

```
color: #fd4;
}
input#rate-5:checked ~ label{
 color: #fe7;
 text-shadow: 0 0 20px #952;
#rate-1:checked ~ form header:before{
 content: "I just hate the service";
#rate-2:checked ~ form header:before{
 content: "I don't like the service ";
#rate-3:checked ~ form header:before{
 content: "Awesome service";
#rate-4:checked ~ form header:before{
 content: "Satisfied service";
}
#rate-5:checked ~ form header:before{
 content: "Excellent service ";
.container form{
 display: none;
input:checked ~ form{
 display: block;
form header{
 width: 100%;
 font-size: 25px;
 color: #fe7;
 font-weight: 500;
 margin: 5px 0 20px 0;
 text-align: center;
 transition: all 0.2s ease;
form .textarea{
 height: 100px;
 width: 100%;
 overflow: hidden;
form .textarea textarea{
 height: 100%;
 width: 100%;
```

```
outline: none;
 color: #eee;
 border: 1px solid #333;
 background: #222;
 padding: 10px;
 font-size: 17px;
 resize: none;
}
.textarea textarea:focus{
 border-color: #444;
form .btn{
 height: 45px;
 width: 100%;
 margin: 15px 0;
form .btn button{
 height: 100%;
 width: 100%;
 border: 1px solid #444;
 outline: none;
 background: #222;
 color: #999;
 font-size: 17px;
 font-weight: 500;
 text-transform: uppercase;
 cursor: pointer;
 transition: all 0.3s ease;
form .btn button:hover{
 background: #1b1b1b;
}
h1{
  background:lightpink;
  width:1500px;
  margin:none;
  color: rgb(99, 22, 23);
  padding-top: 20px;
  height:100px;
  margin-top:none;
  border: solid 5px rgb(99, 22, 23);
}
h2{
 color:rgb(255, 11, 11);
```

```
font-size: 40px;
 font-family: 'Times New Roman', Times, serif;
h3{
 font-size:30px;
 color:rgb(246, 187, 11);
STYLE.CSS:
  margin:0;
  padding:10px;
  box-sizing: border-box;
}
body{
  background-color:white;
.container{
  width: auto;
  margin: auto;
}
.icon{
  width: 200px;
  float: left;
  height: 70px;
}
.logo{
  color: rgb(201, 27, 114);
  font-size: 35px;
  font-family: Arial;
  padding-left: 50px;
  float: left;
  padding-top: 10px;
  margin-top: 5px;
  border-radius: 10px 10px 10px 10px;
}
ul{
  display: flex;
  list-style-type: none;
}
.nav-bar{
background-color: whitesmoke;
width: 60%;
```

```
margin: 10px auto;
border-radius: 20px;
box-shadow: 2px 2px 2px rgb(148, 11, 114);
.nav-bar li{
  padding: 15px;
}
.nav-bar a{
  text-decoration: none;
  font-weight: bold;
  font-size: 20px;
  padding: 12px 20px;
  color: rgb(164, 31, 146);
  border-bottom: 3px solid transparent;
}
.nav-bar a:hover{
  color: red;
  transition-duration: 0.5s;
  border-bottom: 5px solid red;
}
.nav-bar a:focus{
  color: red;
  border-bottom: 5px solid red;
.welcome-text{
  position: absolute;
  width: auto;
  height: auto;
  margin: auto;
  text-align: left;
}
.welcome-text h1{
  text-align: left;
  color: #fff;
  text-transform: uppercase;
  font-size: 40px;
}
.welcome-text p{
  text-align: left;
  color: rgb(189, 163, 226);
  text-transform: none;
  font-size: 20px;
}
```

```
.welcome-text h1{
  color:blue;
}
ABOUT.HTML:
<!DOCTYPE html>
<html lang="en">
  <title>About</title>
<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>priya-web developer</title>
  <link rel="stylesheet" href="static/About.css">
  k rel="stylesheet"href="Font-Awesome/all.min.css"/>
</head>
<body>
  <a href="home.html"><button class="but">Back</button></a>
  <section id="about-section">
    <div class="about-left">
       <img src="static/bank.jpg"width="450px"/>
    </div>
      <div class="about-right">
       <h1>About Us</h1>
       This project is used to automate the loan eligibility prediction for the customer as the
cost of assets is increasing day by day and the capital required to purchase an entire assest is
very high. So purchasing it out of your savings is not possible. The easiest way to get the
required funds is to apply for a loan. But taking a loan is a very time consuming process. The
Application has to go through a lot of stages and it's still not necessary that it will be approved.
To decrease the approval time and to decrease the risk associated with the loan we have
created this project
      <div class="address">
       <br><
                          Phone No - 9878896900
```

Email ID - Bank@gmail.com

<br><br>>

```
<br><
                        Place - Kanchipuram
                      <br><
                        Working days - Mon-Fri
                      </div>
                    <h3>Our speciality</h3>
                   <br>1. Quick and convenient loans that can be availed online without
having to go through a rigorous screening process.
                   <br/><br> 2. 24/7 Availiability
                   <br>3. Accurate prediction for loan eligibility
                   <br>4. Providing detailed procedure for loan approval
                   <br>5. Providing easy way to check the loan eligibility
                   </div>
             </section>
        </div>
</body>
</html>
APPROVE.HTML:
<!DOCTYPE html>
<html lang="en" dir="ltr">
 <head>
  <meta charset="utf-8">
  <title>Loan approva status</title>
  k rel="stylesheet" href="static/approve.css">
  k rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css"/>
 </head>
 <body>
  <h1>LOAN APPROVAL STATUS</h1>
  <h2>{{prediction text}}</h2>
```

```
<img src="static/approve.jpg" width="150px" height="150px">
<h3>Please provide your feedback</h3>
<div class="container">
 <div class="post">
  <div class="text">Thanks for rating us!</div>
  <div class="edit">EDIT</div>
 </div>
 <div class="star-widget">
  <input type="radio" name="rate" id="rate-5">
  <label for="rate-5" class="fas fa-star"></label>
  <input type="radio" name="rate" id="rate-4">
  <label for="rate-4" class="fas fa-star"></label>
  <input type="radio" name="rate" id="rate-3">
  <label for="rate-3" class="fas fa-star"></label>
  <input type="radio" name="rate" id="rate-2">
  <label for="rate-2" class="fas fa-star"></label>
  <input type="radio" name="rate" id="rate-1">
  <label for="rate-1" class="fas fa-star"></label>
  <form action="#">
   <header></header>
   <div class="textarea">
     <textarea cols="30" placeholder="Describe your experience.."></textarea>
   </div>
   <div class="btn">
     <button type="submit">Post</button>
    </div>
  </form>
 </div>
</div>
<script>
 const btn = document.guerySelector("button");
 const post = document.querySelector(".post");
 const widget = document.querySelector(".star-widget");
 const editBtn = document.querySelector(".edit");
 btn.onclick = ()=>{
  widget.style.display = "none";
  post.style.display = "block";
  editBtn.onclick = ()=>{
   widget.style.display = "block";
   post.style.display = "none";
  }
  return false;
 }
```

```
</script>
 </body>
</html>
BANK.HTML:
<!DOCTYPE html>
<html>
<head>
       <title>LogIn Page</title>
       k rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5ulKz4rEkglXeMed4M0jlflDPvg6uqKl2xXr
2" crossorigin="anonymous">
</head>
<style>
  .group{
    padding-top: 100px;
  }
</style>
<body>
<div class="container">
       <div class="row">
              <div style="width: 40%; margin: 25px auto;">
       <div class="group">
              <h3 style="text-align: center;">Bank Login Page</h3>
              <form method="POST" action="bank1.php">
                     <div class="form-group">
                            <label>Bank user ID:</label><input type="text"
name="BankUserName" class="form-control" autofocus placeholder="Enter the Bank User ID"
required>
                     </div>
                     <div class="form-group">
                            <a href="label"><label</a>>Bank Email ID:</label><input type="email"
name="bankemail" class="form-control" autofocus placeholder="Enter the Bank Email ID"
required>
                     </div>
       <div class="form-group">
                            <label>Password:input type="Password"
name="Password" class="form-control" autofocus placeholder="Password" required>
                     </div>
   <label>Enter Captcha:</label>
```

```
<div class="form-row">
     <div class="form-group col-md-6">
      <input type="text" class="form-control" readonly id="capt" required>
     </div>
     <div class="form-group col-md-6">
      <input type="text" class="form-control" id="textinput" required>
     </div>
    </div>
        <div class="form-group">
                               <button onclick="validcap()" name="Submit" class="btn btn-lg
btn-success btn-block">Submit</button>
                       </div>
               </form>
  <h6>Captcha not visible <img src="refresh.png" width="40px" onclick="cap()"></h6>
        </div>
        </div>
</div>
</div>
<script type="text/javascript">
 function cap(){
  var alpha = ['A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V'
           ,'W','X','Y','Z','1','2','3','4','5','6','7','8','9','0','a','b','c','d','e','f','g','h','i',
           'j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z', '!','@','#','$','%','^','&','*','+'];
           var a = alpha[Math.floor(Math.random()*71)];
           var b = alpha[Math.floor(Math.random()*71)];
           var c = alpha[Math.floor(Math.random()*71)];
           var d = alpha[Math.floor(Math.random()*71)];
           var e = alpha[Math.floor(Math.random()*71)];
           var f = alpha[Math.floor(Math.random()*71)];
           var final = a+b+c+d+e+f;
           document.getElementById("capt").value=final;
         }
          function validcap(){
          var stg1 = document.getElementById('capt').value;
          var stg2 = document.getElementById('textinput').value;
          if(stg1==stg2)
            alert("Form is validated Succesfully");
            return true;
          }else{
            alert("Please enter a valid captcha");
            return false;
```

```
}
        }
</script>
</body>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+lbbVYUew+OrCX
aRkfj" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"</p>
integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7Ze
ZDyx" crossorigin="anonymous"></script>
</html>
CONTACT.HTML:
<!DOCTYPE html>
<html lang="en">
 <title>Contact</title>
<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>Home Page</title>
  k rel="stylesheet" href="static/contact.css">
  k rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
  <script src='https://kit.fontawesome.com/a076d05399.js' crossorigin='anonymous'></script>
</head>
<body>
 <a href="home.html"><button class="but">Back</button></a>
  <div class="contact-section">
    <div class="contact-info">
      <div>Address : Vellore, Tamilnadu, India </div>
      <div>Email : Bank@gmail.com</div>
      <div>Mobile No : 9000033456</div>
      <div>Working Hours: Mon - Fri 10:00 AM to 4:30 PM</div>
    </div>
   <div class="box">
    <div class="title">
      <h1>Contact Us</h1><br>
      <h2>We are ready</h2>
    </div>
    <form action="" name="contact-us">
       <input type="text" name="name" class="form-control" id="name" placeholder="Your
Name" required><br>
```

```
<input type="text" name="phone" class="form-control" id="phone" placeholder="Your</p>
mobile Number" required><br>
       <input type="email" name="email" class="form-control" id="email" placeholder="Your
Email id" required><br>
     <textarea name="message" class="form-control" id="message" rows="4"
placeholder="Message"></textarea><br>
       <input type="submit" name="" class="form-control submit" value="SEND">
    </form>
   </div>
   </div>
   <script>
   const scriptURL =
https://script.google.com/macros/s/AKfycbyE5Kll2s6QbBSUMinwFcLiWih1xpz6px9YqCsQTYO
BbYt0I82dxixhN1uT1bX4fRPMbA/exec'
   const form = document.forms['contact-us']
   form.addEventListener('submit', e => {
   e.preventDefault()
   fetch(scriptURL, { method: 'POST', body: new FormData(form)})
   .then(response => console.log('Success!', response))
   .catch(error => console.error('Error!', error.message))
   form.reset()
     alert('Success!')
    })
   </script>
   </body>
   </html>
HOME HTML:
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Loan Prediction</title>
       <link rel="stylesheet" href="static/home.css">
</head>
<body>
       <div class="container">
       <div class="navbar">
              <nav>
                    <a href="home.html">Home</a>
                           <a href="About.html">About</a>
         <a href="procedure.html">Procedure</a>
```

```
<a href="contact.html">Contact Us</a>
                          <a href="login.html">User login</a>
        <a href="bank login.html">Bank login</a>
                         </nav>
            </div>
             <div class="content">
               <h1>Smart Lender - Applicant Credibility Prediction For Loan Approval </h1>
                    Predit your loan eligibility here<br> <br>
                   <a href="prediction.html" class="btn">PREDICT</a>
                   <br><br>>
                   <h2>Team ID -PNT2022TMID49425</h2><br>
                   <h3>Team members</h3>
                   POOJA M
                   MOHANAPRIYA G B
                   SIVASATHYA R
                   YUVARANI M
             </div>
</div>
</body>
</html>
LOGIN.HTML:
<!DOCTYPE html>
<html>
<head>
      <title>LogIn Page</title>
      k rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5ulKz4rEkglXeMed4M0jlflDPvg6uqKl2xXr
2" crossorigin="anonymous">
</head>
<style>
  .group{
    padding-top: 100px;
 }
</style>
<body>
  <div class="container">
      <div class="row">
             <div style="width: 40%; margin: 25px auto;">
```

```
<div class="group">
               <h3 style="text-align: center;">Login Page</h3>
               <form action="login1.php" method="POST" >
                       <div class="form-group">
                              <label>UserName:</label><input type="text" name="username"
class="form-control" autofocus placeholder="Enter your username or gmail ID" required="">
                      </div>
                       <div class="form-group">
                              <label>Password:input type="Password"
name="password" class="form-control" autofocus placeholder="Password" required="">
                      </div>
   <label>Enter Captcha:</label>
   <div class="form-row">
     <div class="form-group col-md-6">
      <input type="text" class="form-control" readonly id="capt" required="">
     </div>
     <div class="form-group col-md-6">
      <input type="text" class="form-control" id="textinput" required="">
     </div>
   </div>
       <div class="form-group">
<button onclick="validcap()" name="save" class="btn btn-lg btn-success btn-block"</pre>
>Submit</button>
                      </div>
               </form>
  <h6>Captcha not visible <img src="refresh.png" width="40px" onclick="cap()"></h6>
  New Here?<a href="register.html">Register</a> 
       </div>
       </div>
</div>
</div>
<script type="text/javascript">
 function cap(){
  var alpha = ['A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V'
           ,'W','X','Y','Z','1','2','3','4','5','6','7','8','9','0','a','b','c','d','e','f','g','h','i',
           'j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z', '!','@','#','$','%','^','&','*','+'];
          var a = alpha[Math.floor(Math.random()*71)];
          var b = alpha[Math.floor(Math.random()*71)];
           var c = alpha[Math.floor(Math.random()*71)];
           var d = alpha[Math.floor(Math.random()*71)];
           var e = alpha[Math.floor(Math.random()*71)];
           var f = alpha[Math.floor(Math.random()*71)];
```

```
var final = a+b+c+d+e+f;
          document.getElementById("capt").value=final;
         function validcap(){
         var stg1 = document.getElementById('capt').value;
         var stg2 = document.getElementById('textinput').value;
         if(stg1==stg2){
          // alert("Form is validated Succesfully");
          return true;
         }else{
          alert("Please enter a valid captcha");
          return false;
         }
</script>
</body>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+lbbVYUew+OrCX
aRkfj" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"</pre>
integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7Ze
ZDyx" crossorigin="anonymous"></script>
</html>
PREDICTION.HTML:
<!doctype html>
<html lang="en">
 <head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="static/prediction.css">
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDgr0Ql0h+rP48ckxlpbzKgwra
6" crossorigin="anonymous">
  <link href="https://unpkg.com/tailwindcss@^2/dist/tailwind.min.css" rel="stylesheet">
  <title>prediction</title>
 </head>
 <body>
  <script>
```

```
function valid(){
var Ai=document.getElementById("ApplicantIncome").value;
var Co=document.getElementById("CoapplicantIncome").value;
var LA=document.getElementById("LoanAmount").value;
var LT=document.getElementByld("Loan Amount Term").value;
alert("Applicant income is too large enter a valid number")
 return false;
}
alert("Coapplicant income is too large enter a valid number")
 return false;
alert("Loan Amount is too large enter a valid number")
 return false;
alert("loan amount term is too large enter a valid number")
 return false:
}
var name=document.getElementById("Name").value;
var letters=/^[a-zA-Z]*$/;
if(!name.match(letters)){
 alert("Name must contain only alphabets")
 return false:
var num=/^[0-9]+$/;
if(!Ai.match(num)){
 alert("Enter only valid numbers alphabets are not allowed ")
 return false:
}
if(!Co.match(num)){
 alert("Enter only valid numbers alphabets are not allowed ")
 return false;
}
if(!LA.match(num)){
 alert("Enter only valid numbers alphabets are not allowed ")
 return false;
if(!LT.match(num)){
 alert("Enter only valid numbers alphabets are not allowed ")
 return false:
}
```

```
var mo=document.getElementById("mon").value;
   var mn=/^[0-9]{10}$/;
   if(!mo.match(mn)){
    alert("Please enter only 10 digit mobile number")
    return false;
   }
  }
  </script>
 <section class="text-gray-600 body-font">
 <div class="container px-5 py-24 mx-auto">
  <div class="flex flex-col text-center w-full mb-20">
   <h1 class="Heading">LOAN ELIGIBILITY PREDICTION</h1><br>
   Fill the form for prediction
  </div>
  <div>
  </div>
  <div class="mb-3">
  <a class="btn btn-primary" href="./" id="back" role="button">Back</a></div>
<form action='/prediction.html' method="post" onsubmit="return valid()">
  <div class="mb-3">
    <label for="exampleFormControlInput1" class="form-label">Name</label>
    <input type="text" class="form-control" id="Name" name="Name" placeholder="Enter your</p>
Name" required >
  </div>
  <div class="mb-3">
   <label for="exampleFormControlInput1" class="form-label"> Email ID</label>
   <input type="email" class="form-control" id="email" name="email" placeholder="Enter your
Email ID" required >
 </div>
 <div class="mb-3">
  <label for="exampleFormControlInput1" class="form-label">Mobile Number</label>
  <input type="text" class="form-control" id="mon" name="mon" placeholder="Enter your</pre>
Mobile number" required>
</div>
<div class="mb-3">
 <a href="exampleFormControlInput1" class="form-label"> Gender</a>/label>
 <select class="form-select" id="gender" name="gender" aria-label="Default select example"</p>
required >
 <option selected>-- select gender --</option>
 <option value="Male">Male</option>
```

```
<option value="Female">Female
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label"> Married status/label>
 <select class="form-select" id="married" name="married" aria-label="Default select example"</p>
required >
 <option selected>-- select married status --</option>
 <option value="Yes">Yes</option>
 <option value="No">No</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Dependents</label>
 <select class="form-select" id="dependents" name="dependents" aria-label="Default select</p>
example" required>
 <option selected>-- select dependents --
 <option value="0">0</option>
 <option value="1">1</option>
 <option value="2">2</option>
 <option value="3+">3+</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Education</label>
 <select class="form-select" id="education" name="education" aria-label="Default select</p>
example" required>
 <option selected>-- select education --</option>
 <option value="Graduate">Graduate</option>
 <option value="Not Graduate">Not Graduate
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Self Employed</label>
 <select class="form-select" id="employed" name="employed" aria-label="Default select</p>
example" required>
 <option selected>-- select Self_Employed --</option>
 <option value="Yes">Yes</option>
 <option value="No">No</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Credit History</label>
```

```
<select class="form-select" id="credit" name="credit" aria-label="Default select example"</p>
required >
 <option selected >-- select Credit History --
 <option value="Yes">Yes</option>
 <option value="No">No</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Property Area</label>
 <select class="form-select" id="proparea" name="proparea" aria-label="Default select</p>
example" required>
 <option selected>-- select Property Area --
 <option value="Semiurban">Semiurban
 <option value="Urban">Urban
 <option value="Rural">Rural</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter ApplicantIncome</label>
 <input type="text" class="form-control" id="ApplicantIncome" name="ApplicantIncome"</p>
placeholder="ApplicantIncome" required>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter CoapplicantIncome</label>
 <input type="text" class="form-control" id="CoapplicantIncome" name="CoapplicantIncome"
placeholder="CoapplicantIncome" required>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Purpose of loan/label>
 <select class="form-select" id="pur" name="pur" aria-label="Default select example" required>
 <option selected>-- select the purpose of loan --
 <option value="person">Personal loan</option>
 <option value="Bussiness">Bussiness loan
 <option value="Education">Education loan
 <option value="Home">Home loan
 <option value="Other">other</option>
</select>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter LoanAmount/label>
 <input type="text" class="form-control" id="LoanAmount" name="LoanAmount"</p>
placeholder="LoanAmount" required>
```

```
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter Loan Amount Term/label>
 <input type="text" class="form-control" id="Loan Amount Term" name="Loan Amount Term"</p>
placeholder="Loan_Amount_Term" required>
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter Adhar Number</label>
 <input type="text" class="form-control" id="Adhar" name="Adhar" placeholder="Adhar Number"
required >
</div>
<div class="mb-3">
 <label for="exampleFormControlInput1" class="form-label">Enter PAN card ID/label>
 <input type="text" class="form-control" id="PAN " name="PAN " placeholder="PAN card ID"
required>
</div>
<div class="mb-3">
<label for="property document" class="form-label">Property Document/label><br><input</pre>
type="file" required >
</div>
<div class="mb-3">
<label for="Govt ID proof" class="form-label">Govet ID proof/label><br><input type="file"</pre>
required>
</div>
<div class="mb-3">
 <input type="checkbox" required>
 I accept the <a href="terms.html">Terms and conditions</a>
 </div>
<br><br><
<div class="mb-3">
<input type="submit" class="but" value="PREDICT">
</div>
  </form>
 </div>
</section>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-JEW9xMcG8R+pH31jmWH6WWP0WintQrMb4s7ZOdauHnUtxwoG2vI5DkLt
S3qm9Ekf" crossorigin="anonymous"></script>
 </body>
</html>
```

```
PROCETURE.HTML:
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Procedure</title>
      k rel="stylesheet" href="static/procedure.css">
</head>
<body>
             <div class="title">
   <a href="home.html"><button class="but">Back</button></a>
    <img src="static/procedure.jpg" width="30%" height="30%" class="img">
     <header><h1>VIEW PROCEDURE</h1><br></header>
       <h2>1.check the eligibility criteria</h2>
       <br>>Maximum age to apply is 21 Years, not exceeding 65 years at the time of loan
resume
       You must be Indian resident and citizens
       You must have necessary documents required for the personal loan along with duty
filled and signed application form 
                  <br><h2>2.check interest rates and other charges</h2>
        <br>The interest rates offered by Bank vary based on the borrow's credit
worthiness, amount and tenure of the loan and other factors. 
        <br><h2>3.calculate your EMI</h2>
        <br>EMI calculators help to calculate the monthly EMI to be paid on the loan. This
calculation depends on the total loan amount, interest rate and tenure
        <br><h2>4.check required documents</h2>
         <br/>br>Recent passport-sized photographs
         Age proof
         Address proof
         Salary slips/proofs
         processing fee cheque
         <br><h2>5.wait for loan approval</h2>
         <br>>Bank will process the personal loan application then a representative will be
assigned to you who further take care of the procedure.<br>
         <br><h2 class="cons">Considerations before applying for loan</h2>
         <br>Maintain your credit score
         Plan the repayment beforehand
         Be familiar with loan details
         Organise your documents
         Go through the terms and conditions of the loan
         <br><h2 class="cons">Steps to be followed</h2>
```

```
<br>Start Applying for loan
         Estimate ypur EMIs
         Fill the application form
         Provide your correct details
         Prepare your documents
         Get funds in your bank account
  </div>
</body>
</html>
REGISTER.HTML:
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Register</title>
  <link rel="stylesheet" type="text/css"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
  k rel="stylesheet" type="text/css" href="static/register.css">
  <script >
function check(x)
{
 var number=/^([0-9]{10})+$/;
  if(x.value.match(number)){
     alert("Valid email address!");
    document.myform.mon.focus();
    return true;
  }
  else{
     alert("Please enter only your 10 digit mobile number");
     document.myform.mon.focus();
    return false;
  }
function ValidateEmail(input) {
var\ validRegex = /^[a-zA-Z0-9.!\#\%\&'*+/=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)*$/;
if (input.value.match(validRegex)) {
```

```
alert("Valid email address!");
document.myform.email.focus();
return true;
} else {
alert("Invalid email address!");
document.myform.email.focus();
return false;
}
}
  </script>
</head>
<body>
  <div class="container">
     <form name="myform" method="post" class="form-signup" onsubmit="return
check(document.myform.mon)" onsubmit="return ValidateEmail(document.myform.email)">
       <h1 class="reg">Register</h1>
       Create your account
       <div class="form-group">
          <input type="text" class="form-control" name="name" placeholder="Enter your
name" required >
       </div>
       <div class="form-group">
         <input type="email" class="form-control" name="email" placeholder="Enter your
emailID" required>
       </div>
       <div class="form-group">
         <input type="user name" class="form-control" name="username" placeholder="Enter
your username" required>
```

```
<div class="form-group">
         <input type="password" class="form-control" name="password" placeholder="Enter
your password" required>
       </div>
       <div class="form-group">
         <input type="text" class="form-control" name="mon" placeholder="Enter your mobile
number" required >
       </div>
       <div class="form-group">
         <label>
         <input type="checkbox">
         I accept the <a href="terms.html">Terms and conditions</a>
         </label>
       </div>
       <input type="submit" class="btn btn-success btn-block" name="" value="submit">
    </form>
  </div>
</body>
</html>
REJECT.HTML:
<!DOCTYPE html>
<html lang="en" dir="ltr">
 <head>
  <meta charset="utf-8">
  <title>Loan approval status</title>
  k rel="stylesheet" href="static/reject.css">
  k rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css"/>
 </head>
 <body>
  <h1>LOAN APPROVAL STATUS</h1>
  <h2>{{prediction_text}}</h2>
  <img src="static/reject.jpg" width="200px" height="200px">
  <h3>Please provide your feedback</h3>
  <div class="container">
   <div class="post">
```

```
<div class="text">Thanks for rating us!</div>
     <div class="edit">EDIT</div>
   </div>
   <div class="star-widget">
     <input type="radio" name="rate" id="rate-5">
     <label for="rate-5" class="fas fa-star"></label>
     <input type="radio" name="rate" id="rate-4">
     <label for="rate-4" class="fas fa-star"></label>
     <input type="radio" name="rate" id="rate-3">
     <label for="rate-3" class="fas fa-star"></label>
     <input type="radio" name="rate" id="rate-2">
     <label for="rate-2" class="fas fa-star"></label>
     <input type="radio" name="rate" id="rate-1">
     <label for="rate-1" class="fas fa-star"></label>
     <form action="#">
      <header></header>
      <div class="textarea">
       <textarea cols="30" placeholder="Describe your experience.."></textarea>
      </div>
      <div class="btn">
       <button type="submit">Post</button>
      </div>
     </form>
   </div>
  </div>
  <script>
   const btn = document.querySelector("button");
   const post = document.querySelector(".post");
   const widget = document.guerySelector(".star-widget");
   const editBtn = document.querySelector(".edit");
   btn.onclick = ()=>{
    widget.style.display = "none";
     post.style.display = "block";
     editBtn.onclick = ()=>{
      widget.style.display = "block";
      post.style.display = "none";
    return false;
   }
  </script>
 </body>
</html>
TERMS.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>Document</title>
</head>
<body>
  <div class="term">
  <h2>Terms and conditions</h2>
  < 0 |>
    We are only giving the prediction whether you are eligible for loan or not
    You should trust the bank and should give all the required details
    Bank will verify your details and inform you about the loan
    Upload your correct Property document copy
    Dont't give any false details if it gets known we will not give you the loan
    Enter your correct income details
    Enter your name as per the name in adhar card
    Enter your correct mobile number for contacting you
    Enter yout correct email address
    Repay the loan amount and interest on time
    Your interest rate will be increased if you don't repay the loan amount on time
  </01>
</div>
</body>
</html>
```