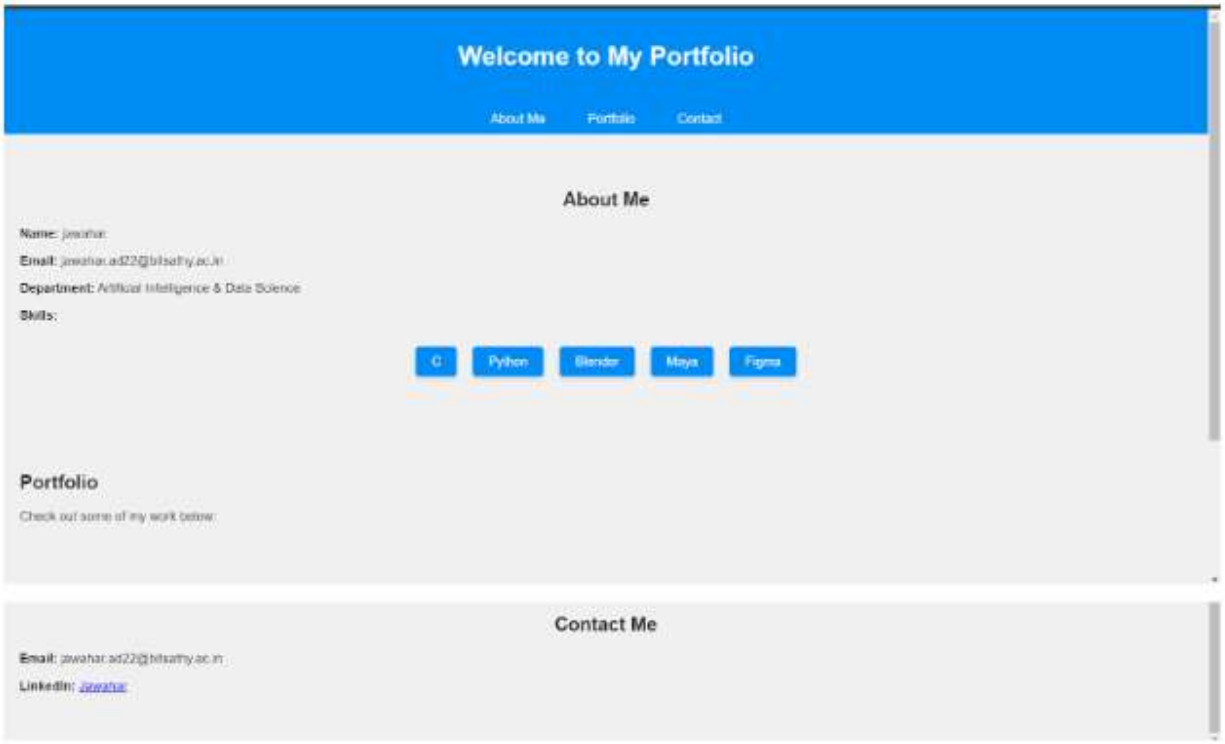
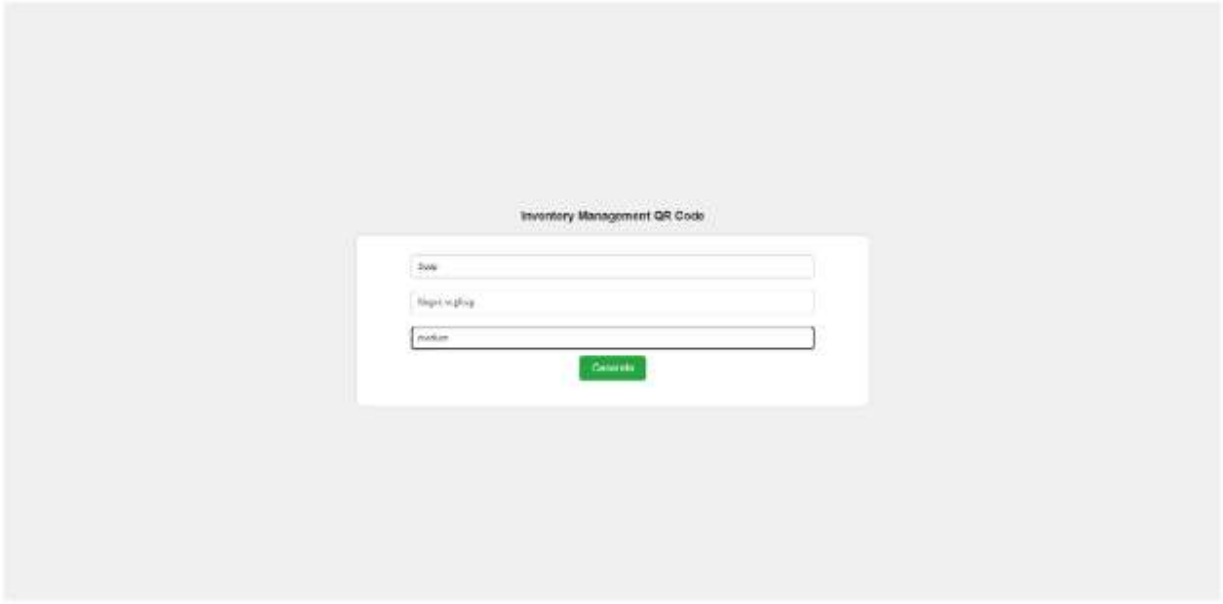
OUTPUT:


Welcome to My Portfolio
About Me
Portfolio
Contact
About Me
Name:
Email:
Department: Artificial Intelligence & Data Science
Skills:
C
Python
Blender
Maya
Figma
Portfolio
Check out some of my work below
Contact Me
Email: jawahar.ad22@bitsathy.ac.in
LinkedIn: Jawahar

OUTPUT:

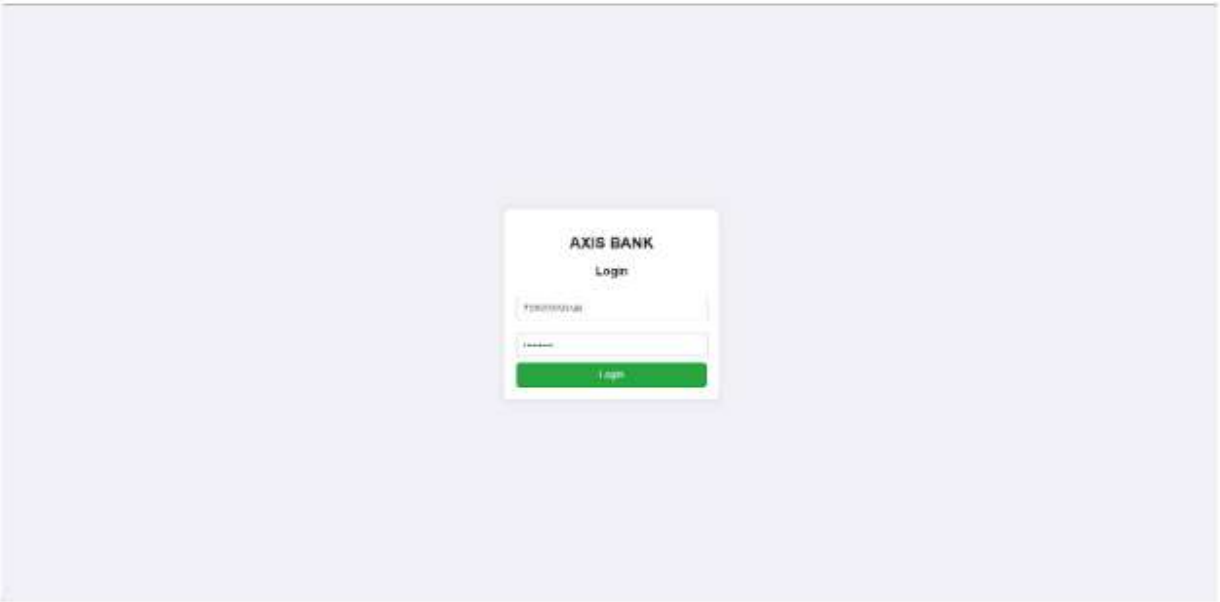
Rock Paper Scissors
You chose paper. Computer chose rock. You win!
Score: 1

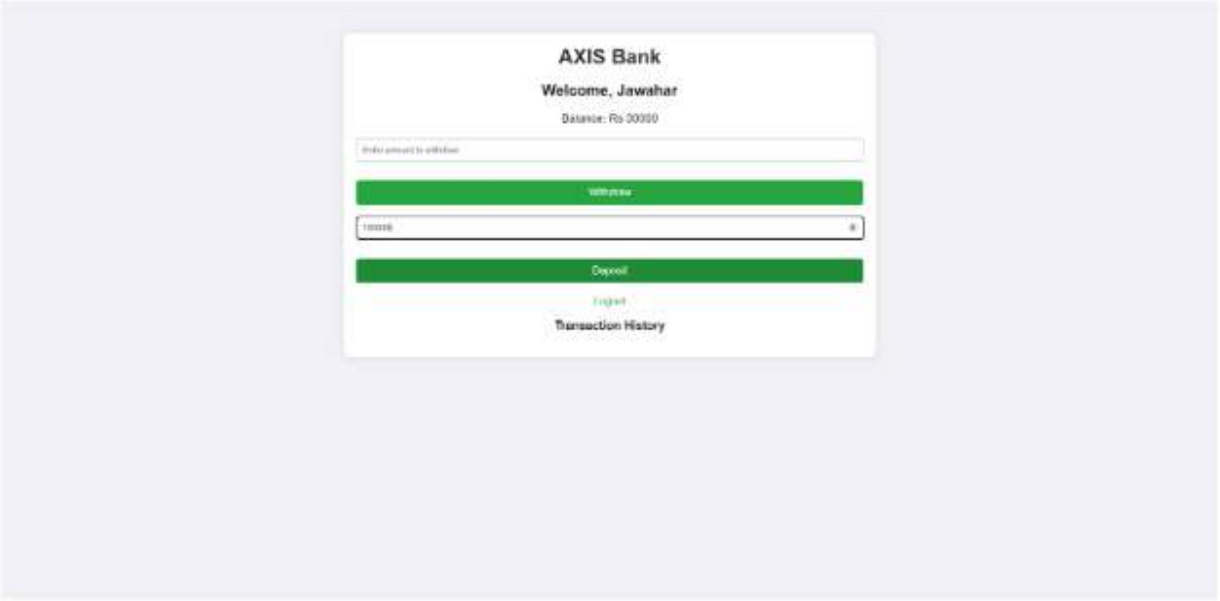
OUTPUT:


Inventory Management QR Code

Inventory Management QR Code

OUTPUT:


AXIS BANK
Login
Login

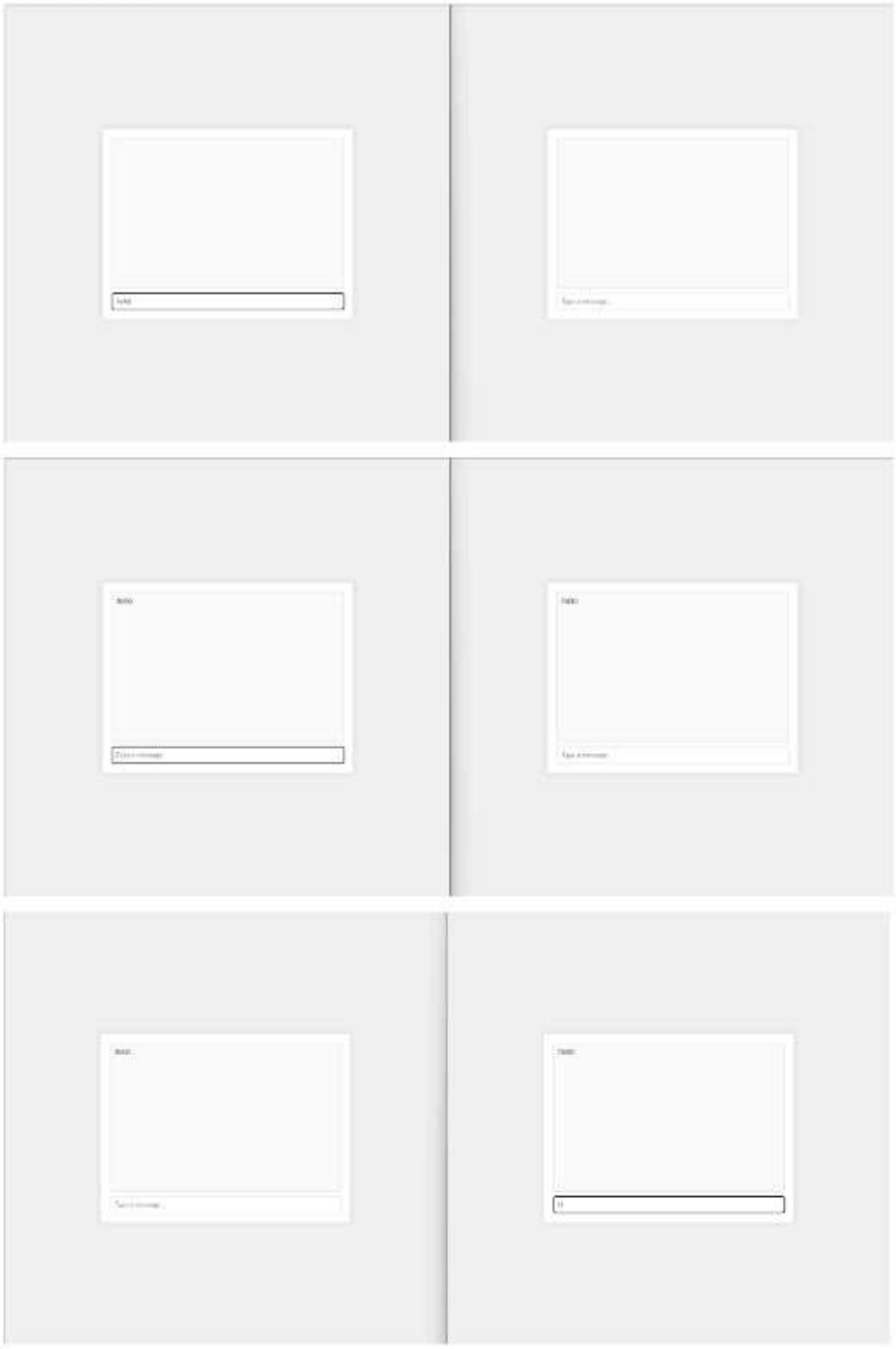

AXIS Bank
Welcome, Jawahar
Balance: Rs 30000
Withdraw
Deposit
Logout
Transaction History

BACKEND:

```
const express = require('express');
const http = require('http');
const socketIo = require('socket.io');
const path = require('path');

const app = express();
const server = http.createServer(app);
const io = socketIo(server);

// Serve static files from the frontend directory
app.use(express.static(path.join(__dirname, '../frontend')));

// Serve the index.html file at the root path
app.get('/', (req, res) => {
  res.sendFile(path.join(__dirname, '../frontend/index.html'));
});

io.on('connection', (socket) => {
  console.log('New user connected');

  socket.on('message', (msg) => {
    io.emit('message', msg);
  });

  socket.on('disconnect', () => {
    console.log('User disconnected');
  });
});

const PORT = process.env.PORT || 3000;
server.listen(PORT, () => console.log(`Server running on port ${PORT}`));
```

FRONTEND:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chat Application</title>
</head>

<body>
    <div id="chat-container">
        <div id="chat-box"></div>
        <input id="chat-input" type="text" placeholder="Type a message...">
    </div>
    <script src="/socket.io/socket.io.js"></script>
</body>
<style>
    body {
  font-family: Arial, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #f0f0f0;
  margin: 0;
}

#chat-container {
  width: 500px;
  max-width: 100%;
  background: #fff;
  padding: 20px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  border-radius: 5px;
}

#chat-box {
  height: 300px;
  overflow-y: auto;
```

```
  margin-bottom: 10px;
  border: 1px solid #ddd;
  padding: 10px;
  background: #fafafa;
}

#chat-input {
  width: calc(100% - 20px);
  padding: 10px;
  border: 1px solid #ddd;
  border-radius: 5px;
}

</style>
<script>
   const socket = io.connect();

      const chatBox = document.getElementById('chat-box');
      const chatInput = document.getElementById('chat-input');

      chatInput.addEventListener('keypress', function (event) {
         if (event.key === 'Enter') {
            const message = chatInput.value;
            socket.send(message);
            chatInput.value = '';
         }
      });

      socket.on('message', function (msg) {
         const messageElement = document.createElement('div');
         messageElement.textContent = msg;
         chatBox.appendChild(messageElement);
      });


</script>
</html>
```

OUTPUT: