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Sub:701(Full Stack)

Here GitHub link:

Assignment-2

Que-1:

App.js

```
const express = require('express');
const mongoose = require('mongoose');
const multer = require('multer');
const path = require('path');

const app = express();
const PORT = process.env.PORT || 3000;

const mongoURI = 'mongodb://localhost:27017/upload';

mongoose.connect(mongoURI, { useNewUrlParser: true, useUnifiedTopology:
true })
    .then(() => console.log('MongoDB connected!'))
    .catch(err => console.error('MongoDB connection error:', err));
```

```
// Middleware

app.use(express.urlencoded({ extended: true }));
app.use('/uploads', express.static('uploads')); // Serve uploaded files
app.set('view engine', 'ejs');

app.listen(PORT, () => {
  console.log(`Server is running on http://localhost:${PORT}`);
});

const storage = multer.diskStorage({
  destination: (req, file, cb) => {
    cb(null, 'uploads/');
  },
  filename: (req, file, cb) => {
    cb(null, Date.now() + path.extname(file.originalname)); // Appending
extension
  }
});

const upload = multer({
  storage: storage,
  limits: { fileSize: 1 * 1024 * 1024 }, // Limit file size to 1MB
  fileFilter: (req, file, cb) => {
    const filetypes = /jpeg|jpg|png|gif|pdf/;
    const mimetype = filetypes.test(file.mimetype);
    const extname =
filetypes.test(path.extname(file.originalname).toLowerCase());
```

```

    if (mimetype && extname) {
      return cb(null, true);
    }
    cb("Error: File type not supported");
  }
});

const User = require('./User');

// Render registration form
app.get('/register', (req, res) => {
  res.render('register');
});

// Handle user registration
app.post('/register', upload.array('files'), async (req, res) => {
  const { username, email } = req.body;
  const files = req.files.map(file => file.filename);

  const user = new User({ username, email, files });
  await user.save();
  res.redirect('/files');
});

// List uploaded files
app.get('/files', async (req, res) => {
  const users = await User.find();

```

```
res.render('files', { users });  
});  
  
// Download file  
app.get('/files/download/:filename', (req, res) => {  
  const file = path.join(__dirname, 'uploads', req.params.filename);  
  res.download(file);  
});
```

User.js

```
const mongoose = require('mongoose');  
  
const userSchema = new mongoose.Schema({  
  username: { type: String, required: true },  
  email: { type: String, required: true },  
  files: [{ type: String }]  
});  
  
module.exports = mongoose.model('User', userSchema);
```

views folder => 2 files => files.js and register.js

files.ejs

<!DOCTYPE html>

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Uploaded Files</title>
</head>
<body>
  <h1>Uploaded Files</h1>
  <ul>
    <% users.forEach(user => { %>
      <li><strong><%= user.username %></strong> (<%= user.email %>):
        <% user.files.forEach(file => { %>
          <a href="/files/download/<%= file %>"><%= file %></a>
        <% }) %>
      </li>
    <% }) %>
  </ul>
</body>
</html>
```

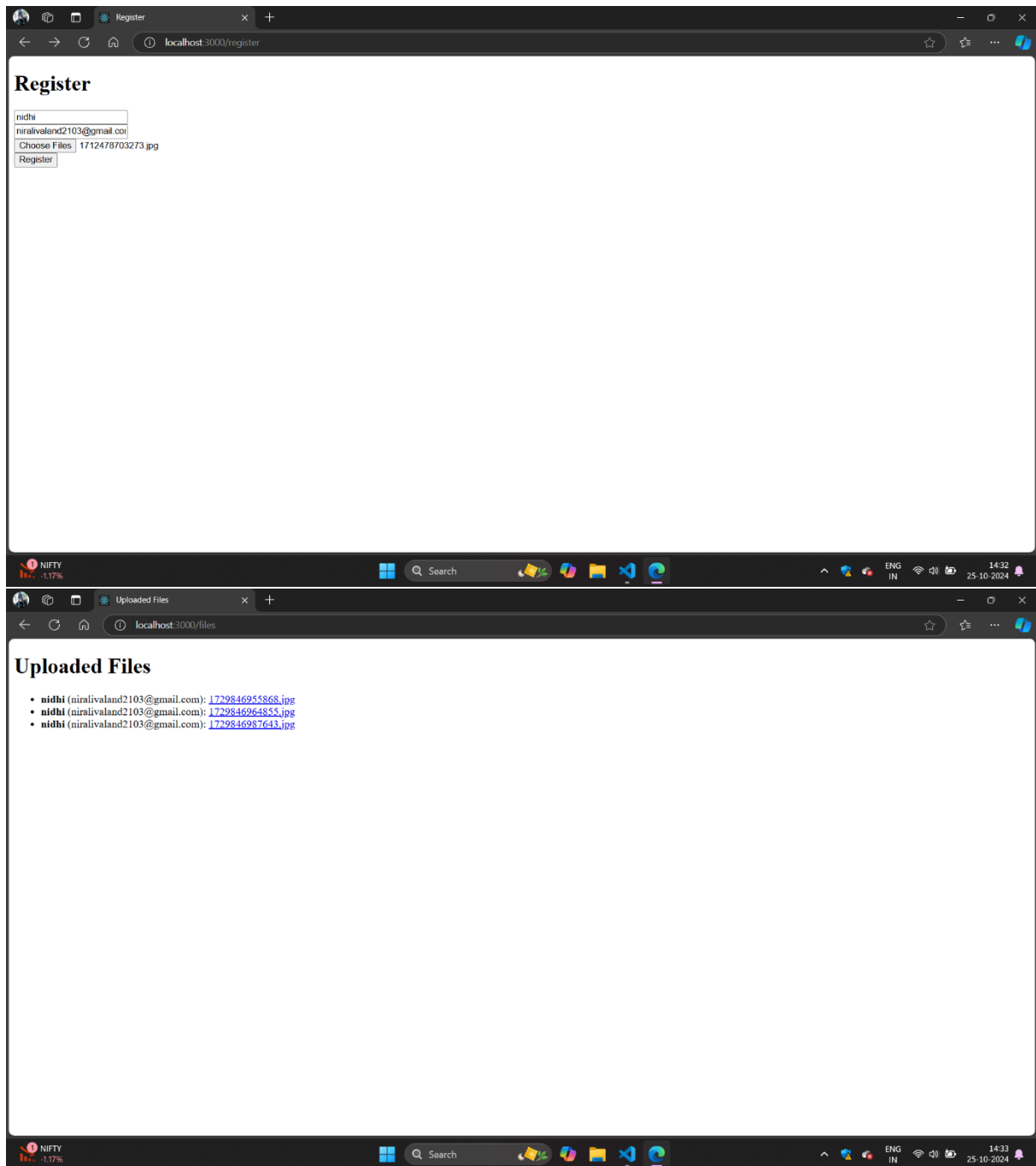
Register.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Register</title>
```

```
</head>
<body>
  <h1>Register</h1>
  <form action="/register" method="POST" enctype="multipart/form-data">
    <input type="text" name="username" placeholder="Username"
required><br>
    <input type="email" name="email" placeholder="Email" required><br>
    <input type="file" name="files" multiple required><br>
    <button type="submit">Register</button>
  </form>
</body>
</html>
```

Uploads folder which contains uploaded files

Output:



Que-2:

App.js

```
const express = require('express');
```

```
const session = require('express-session');
```

```
const flash = require('connect-flash');
```

```
const bodyParser = require('body-parser');
```

```
const path = require('path');

const app = express();

const PORT = process.env.PORT || 3000;

// Simple in-memory user store for demonstration purposes
const users = [{ username: 'Nidhi', password: 'Nidhi@123' }];

// Setup session
app.use(session({
  secret: 'secret_key', // Replace with a strong secret in production
  resave: false,
  saveUninitialized: true,
  cookie: { maxAge: 60000 } // 1 minute
}));

// Flash messages middleware
app.use(flash());

// Middleware
app.use(bodyParser.urlencoded({ extended: true }));
app.set('view engine', 'ejs');
app.use(express.static(path.join(__dirname, 'public'))); // Serve static files

// Render login form
app.get('/login', (req, res) => {
```



```
    res.render('login', { messages: req.flash('error') });
  });

// Handle login
app.post('/login', (req, res) => {
  const { username, password } = req.body;

  // Check user credentials
  const user = users.find(u => u.username === username && u.password === password);

  if (user) {
    req.session.user = user;
    req.flash('success', 'Logged in successfully!');
    return res.redirect('/dashboard');
  }

  req.flash('error', 'Invalid username or password');
  res.redirect('/login');
});

// Render dashboard
app.get('/dashboard', (req, res) => {
  if (!req.session.user) {
    req.flash('error', 'Please log in first');
    return res.redirect('/login');
  }

  res.render('dashboard', { user: req.session.user });
});
```

```

});

// Logout
// Logout
app.get('/logout', (req, res) => {
    req.flash('success', 'Logged out successfully'); // Set flash message before
    destroying session
    req.session.destroy(err => {
        if (err) {
            return res.redirect('/dashboard'); // Handle session destruction error
        }
        res.redirect('/login'); // Redirect to login after session is destroyed
    });
});

app.listen(PORT, () => {
    console.log(`Server is running on http://localhost:${PORT}`);
});

```

Views folder=>

Dashboard.ejs

```
<!DOCTYPE html>
```

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

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <title>Dashboard</title>
```

```
</head>
```

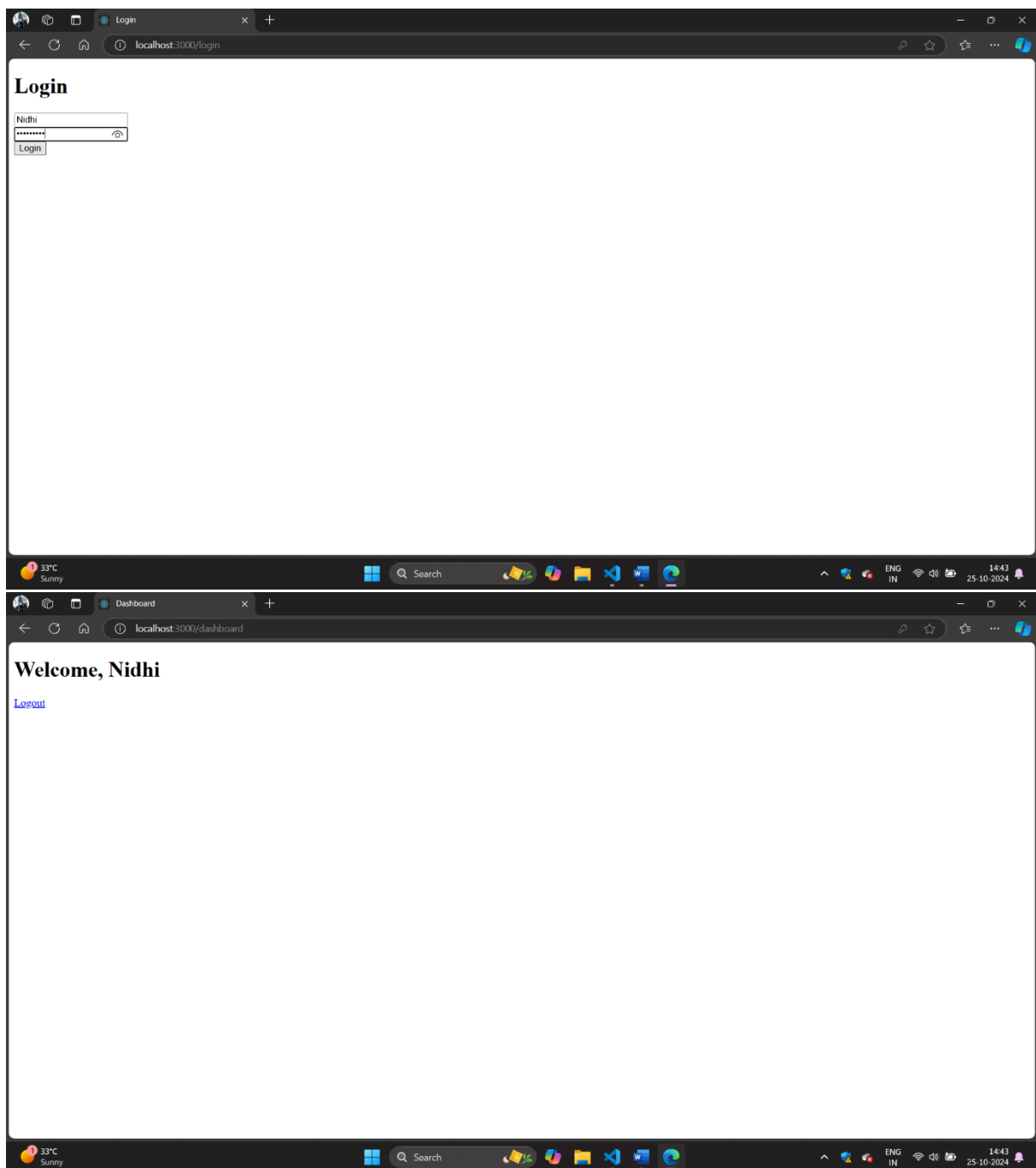
```
<body>
  <h1>Welcome, <%= user.username %></h1>
  <a href="/logout">Logout</a>
</body>
</html>
```

Login.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login</title>
</head>
<body>
  <h1>Login</h1>
  <% if (messages.length) { %>
    <ul>
      <% messages.forEach(msg => { %>
        <li><%= msg %></li>
      <% }) %>
    </ul>
  <% } %>
  <form action="/login" method="POST">
    <input type="text" name="username" placeholder="Username"
required><br>
    <input type="password" name="password" placeholder="Password"
required><br>
```

```
<button type="submit">Login</button>
</form>
</body>
</html>
```

Output:



Que-3:

App.js

```
const express = require('express');
const session = require('express-session');
const RedisStore = require('connect-redis').default; // Import Redis store
const flash = require('connect-flash');
const bodyParser = require('body-parser');
const redis = require('redis');
const path = require('path');

const app = express();
const PORT = process.env.PORT || 8000;

// Configure Redis client
// const redisClient = redis.createClient();
const redisClient = redis.createClient({
  host: '127.0.0.1', // Change if necessary
  port: 6379 // Change if necessary
});

redisClient.on('error', (err) => console.log('Redis Client Error', err));

// Simple in-memory user store for demonstration purposes
const users = [{ username: 'testuser', password: 'password123' }];

// Setup session with Redis store
```

```
app.use(session({
  store: new RedisStore({ client: redisClient }),
  secret: 'secret_key', // Replace with a strong secret in production
  resave: false,
  saveUninitialized: false,
  cookie: { maxAge: 60000 } // 1 minute
}));

// Flash messages middleware
app.use(flash());

// Middleware
app.use(bodyParser.urlencoded({ extended: true }));
app.set('view engine', 'ejs');
app.use(express.static(path.join(__dirname, 'public'))); // Serve static files

// Render login form
app.get('/login', (req, res) => {
  res.render('login', { messages: req.flash('error') });
});

// Handle login
app.post('/login', (req, res) => {
  const { username, password } = req.body;

  // Check user credentials
```

```
const user = users.find(u => u.username === username && u.password === password);
```

```
if (user) {
```

```
    req.session.user = user;
```

```
    req.flash('success', 'Logged in successfully!');
```

```
    return res.redirect('/dashboard');
```

```
}
```

```
req.flash('error', 'Invalid username or password');
```

```
res.redirect('/login');
```

```
});
```

```
// Render dashboard
```

```
app.get('/dashboard', (req, res) => {
```

```
    if (!req.session.user) {
```

```
        req.flash('error', 'Please log in first');
```

```
        return res.redirect('/login');
```

```
    }
```

```
    res.render('dashboard', { user: req.session.user });
```

```
});
```

```
// Logout
```

```
app.get('/logout', (req, res) => {
```

```
    req.flash('success', 'Logged out successfully');
```

```
    req.session.destroy(err => {
```

```
        if (err) {
```

```
            return res.redirect('/dashboard');
```

```

    }
    res.redirect('/login');
  });
});

// Start the server
app.listen(PORT, () => {
  console.log(`Server is running on http://localhost:${PORT}`);
});

// Connect to Redis
(async () => {
  try {
    await redisClient.connect();
    console.log('Connected to Redis');
  } catch (err) {
    console.error('Redis Client Error', err);
  }
})();

```

Que-4:

Server.js

```

const express = require('express');
const mongoose = require('mongoose');

```



```
const jwt = require('jsonwebtoken');
const bcrypt = require('bcryptjs');
const path = require('path');
const session = require('express-session');
const methodOverride = require('method-override');
const app = express();
const PORT = process.env.PORT || 3001;

// Middleware
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(methodOverride('_method')); // For PUT and DELETE methods
app.set('view engine', 'ejs');

// Set views directory
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'ejs');

// Session setup
app.use(session({
  secret: 'your_secret_key',
  resave: false,
  saveUninitialized: true,
}));

// Connect to MongoDB
```

```
mongoose.connect('mongodb://localhost:27017/studentDB', {
  useNewUrlParser: true, useUnifiedTopology: true })
```

```
.then(() => console.log('MongoDB connected'))
```

```
.catch(err => console.error(err));
```

```
// Student Schema
```

```
const studentSchema = new mongoose.Schema({
```

```
  name: String,
```

```
  email: { type: String, unique: true },
```

```
  password: String
```

```
});
```

```
const Student = mongoose.model('Student', studentSchema);
```

```
// Middleware for JWT verification
```

```
const authenticateJWT = (req, res, next) => {
```

```
  const token = req.session.token;
```

```
  if (!token) return res.redirect('/'); // Redirect if not logged in
```

```
  jwt.verify(token, 'your_jwt_secret', (err, user) => {
```

```
    if (err) return res.redirect('/'); // Redirect if token is invalid
```

```
    req.user = user;
```

```
    next();
```

```
  });
```

```
};
```

```
// Routes
```

```
app.get('/', (req, res) => {  
  res.render('index');  
});
```

// Register

```
app.post('/register', async (req, res) => {  
  const hashedPassword = await bcrypt.hash(req.body.password, 10);  
  const newStudent = new Student({  
    name: req.body.name,  
    email: req.body.email,  
    password: hashedPassword  
  });
```

```
  try {  
    await newStudent.save();  
    res.status(201).send('Student registered');  
  } catch (error) {  
    res.status(400).send('Error registering student');  
  }  
});
```

// Login

```
app.post('/login', async (req, res) => {  
  const student = await Student.findOne({ email: req.body.email });  
  if (student && (await bcrypt.compare(req.body.password,  
    student.password))) {
```

```
    const token = jwt.sign({ email: student.email }, 'your_jwt_secret', {
    expiresIn: '1h' });

    req.session.token = token;

    res.redirect('/students'); // Redirect to the students page
  } else {
    res.status(403).send('Invalid credentials');
  }
});
```

// Logout

```
app.post('/logout', (req, res) => {
  req.session.destroy(err => {
    if (err) return res.status(500).send('Could not log out');
    res.redirect('/');
  });
});
```

// View students

```
app.get('/students', authenticateJWT, async (req, res) => {
  try {
    const students = await Student.find();
    res.render('student', { students }); // Renders the student.ejs view
  } catch (error) {
    res.status(500).send('Error retrieving students');
  }
});
```

// Add student form

```
app.get('/students/new', authenticateJWT, (req, res) => {  
  res.render('insert');  
});
```

// Handle adding a new student

```
app.post('/students', authenticateJWT, async (req, res) => {  
  const hashedPassword = await bcrypt.hash(req.body.password, 10);  
  const newStudent = new Student({  
    name: req.body.name,  
    email: req.body.email,  
    password: hashedPassword  
  });
```

```
  try {  
    await newStudent.save();  
    res.redirect('/students');  
  } catch (error) {  
    res.status(400).send('Error creating student');  
  }  
});
```

// Update student form

```
app.get('/students/:id/edit', authenticateJWT, async (req, res) => {  
  try {  
    const student = await Student.findById(req.params.id);  
    res.render('update', { student });
```

```
    } catch (error) {  
      res.status(400).send('Error retrieving student');  
    }  
  });
```

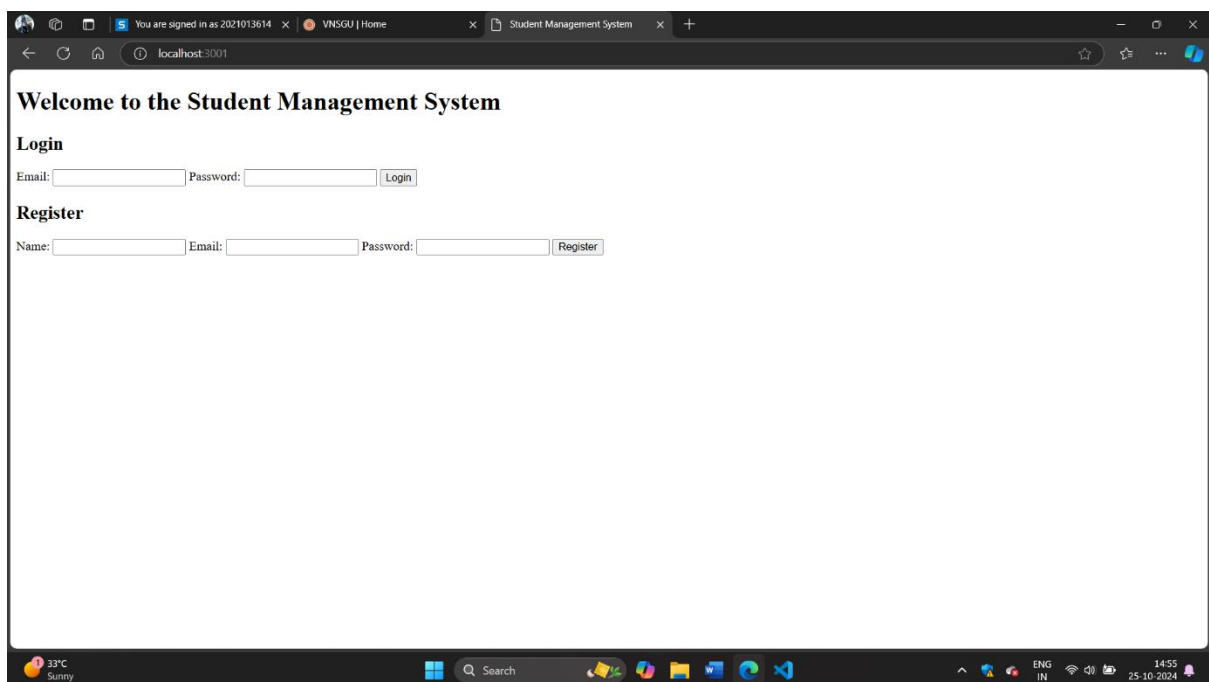
// Handle updating a student

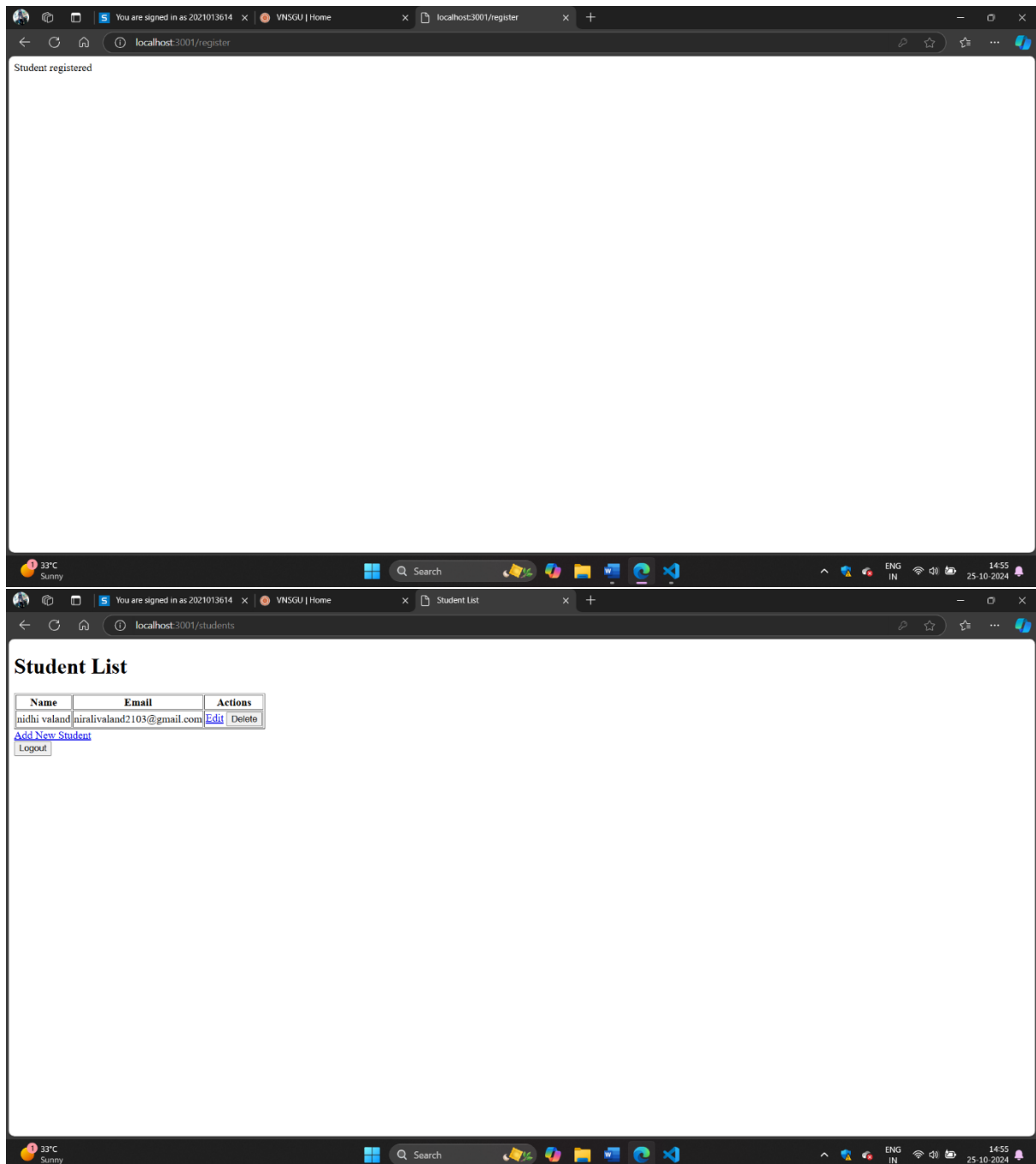
```
app.put('/students/:id', authenticateJWT, async (req, res) => {  
  const updateData = {  
    name: req.body.name,  
    email: req.body.email,  
  };  
  
  if (req.body.password) {  
    updateData.password = await bcrypt.hash(req.body.password, 10);  
  }  
  
  try {  
    await Student.findByIdAndUpdate(req.params.id, updateData);  
    res.redirect('/students');  
  } catch (error) {  
    res.status(400).send('Error updating student');  
  }  
});
```

// Handle deleting a student

```
app.delete('/students/:id', authenticateJWT, async (req, res) => {
```

```
try {  
    await Student.findByIdAndDelete(req.params.id);  
    res.redirect('/students');  
} catch (error) {  
    res.status(400).send('Error deleting student');  
}  
});  
  
// Start server  
app.listen(PORT, () => {  
    console.log(`Server running on http://localhost:${PORT}`);  
});
```





Que-5:

Server.js

```
const express = require('express');  
const mongoose = require('mongoose');  
const jwt = require('jsonwebtoken');  
const bcrypt = require('bcryptjs');
```



```
const cors = require('cors');
const path = require('path');
const session = require('express-session');
const methodOverride = require('method-override');
const app = express();
const PORT = process.env.PORT || 8001;

// Middleware
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(methodOverride('_method')); // For PUT and DELETE methods
app.use(cors());
app.set('view engine', 'ejs');

// Set views directory
app.set('views', path.join(__dirname, 'views'));
app.use(express.static(path.join(__dirname, 'public')));

// Session setup
app.use(session({
  secret: 'your_secret_key',
  resave: false,
  saveUninitialized: true,
}));

// Connect to MongoDB
```

```
mongoose.connect('mongodb://localhost:27017/employeeDB', {
  useNewUrlParser: true, useUnifiedTopology: true })
  .then(() => console.log('MongoDB connected'))
  .catch(err => console.error(err));
```

```
// Employee Schema
```

```
const employeeSchema = new mongoose.Schema({
  name: String,
  email: { type: String, unique: true },
  password: String
});
```

```
const Employee = mongoose.model('Employee', employeeSchema);
```

```
// Middleware for JWT verification
```

```
const authenticateJWT = (req, res, next) => {
  const token = req.session.token;
  if (!token) return res.redirect('/login'); // Redirect to login if not logged in
```

```
  jwt.verify(token, 'your_jwt_secret', (err, user) => {
    if (err) return res.redirect('/login'); // Redirect if token is invalid
    req.user = user;
    next();
  });
};
```

```
// Routes
```

```
// Registration Page
```

```
app.get('/register', (req, res) => {  
  res.render('register');  
});
```

```
// Register new employee
```

```
app.post('/register', async (req, res) => {  
  const hashedPassword = await bcrypt.hash(req.body.password, 10);  
  const newEmployee = new Employee({  
    name: req.body.name,  
    email: req.body.email,  
    password: hashedPassword  
  });
```

```
  try {  
    await newEmployee.save();  
    res.redirect('/login'); // Redirect to login page after registration  
  } catch (error) {  
    res.status(400).send('Error registering employee');  
  }  
});
```

```
// Login Page
```

```
app.get('/login', (req, res) => {  
  res.render('login');
```

```
});
```

```
// Login employee
```

```
app.post('/login', async (req, res) => {
```

```
    const employee = await Employee.findOne({ email: req.body.email });
```

```
    if (employee && (await bcrypt.compare(req.body.password,  
employee.password))) {
```

```
        const token = jwt.sign({ email: employee.email }, 'your_jwt_secret', {  
expiresIn: '1h' });
```

```
        req.session.token = token;
```

```
        res.redirect('/employees'); // Redirect to the employee list page after login
```

```
    } else {
```

```
        res.status(403).send('Invalid credentials');
```

```
    }
```

```
});
```

```
// Logout
```

```
app.post('/logout', (req, res) => {
```

```
    req.session.destroy(err => {
```

```
        if (err) return res.status(500).send('Could not log out');
```

```
        res.redirect('/login');
```

```
    });
```

```
});
```

```
// View all employees (Protected route)
```

```
app.get('/employees', authenticateJWT, async (req, res) => {
```

```
    try {
```

```
    const employees = await Employee.find();
    res.render('employeeList', { employees });
  } catch (error) {
    res.status(500).send('Error retrieving employees');
  }
});
```

```
// Add employee form (Protected route)
app.get('/employees/new', authenticateJWT, (req, res) => {
  res.render('addEmployee');
});
```

```
// Handle adding a new employee
app.post('/employees', authenticateJWT, async (req, res) => {
  const hashedPassword = await bcrypt.hash(req.body.password, 10);
  const newEmployee = new Employee({
    name: req.body.name,
    email: req.body.email,
    password: hashedPassword
  });

  try {
    await newEmployee.save();
    res.redirect('/employees');
  } catch (error) {
    res.status(400).send('Error creating employee');
  }
});
```

```
    }  
  });  
  
  // Update employee form (Protected route)  
  app.get('/employees/:id/edit', authenticateJWT, async (req, res) => {  
    try {  
      const employee = await Employee.findById(req.params.id);  
      res.render('editEmployee', { employee });  
    } catch (error) {  
      res.status(400).send('Error retrieving employee');  
    }  
  });
```

```
  // Handle updating an employee  
  app.put('/employees/:id', authenticateJWT, async (req, res) => {  
    const updateData = {  
      name: req.body.name,  
      email: req.body.email,  
    };  
  
    if (req.body.password) {  
      updateData.password = await bcrypt.hash(req.body.password, 10);  
    }  
  
    try {  
      await Employee.findByIdAndUpdate(req.params.id, updateData);  
    }  
  });
```

```

        res.redirect('/employees');
    } catch (error) {
        res.status(400).send('Error updating employee');
    }
});

// Handle deleting an employee
app.delete('/employees/:id', authenticateJWT, async (req, res) => {
    try {
        await Employee.findByIdAndDelete(req.params.id);
        res.redirect('/employees');
    } catch (error) {
        res.status(400).send('Error deleting employee');
    }
});

// Start server
app.listen(PORT, () => {
    console.log(`Server running on http://localhost:${PORT}`);
});

```

Addemployee.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">

```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Add Employee</title>
<link rel="stylesheet" href="/styles.css">
</head>
<body>
  <div class="container">
    <h1>Add New Employee</h1>
    <form action="/employees" method="POST">
      <div>
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>
      </div>
      <div>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
      </div>
      <div>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
      </div>
      <button type="submit">Add Employee</button>
    </form>
    <a href="/employees" class="btn">Back to Employee List</a>
  </div>
  <script src="/script.js"></script>
</body>
```


</html>

Editemployee.ejs

<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 <title>Edit Employee</title>

 <link rel="stylesheet" href="/styles.css">

</head>

<body>

 <div class="container">

 <h1>Edit Employee</h1>

 <form action="/employees/<%= employee._id %>?_method=PUT"
method="POST">

 <div>

 <label for="name">Name:</label>

 <input type="text" id="name" name="name" value="<%=
employee.name %>" required>

 </div>

 <div>

 <label for="email">Email:</label>

 <input type="email" id="email" name="email" value="<%=
employee.email %>" required>

 </div>

 <div>

```
        <label for="password">New Password (leave blank to keep
current):</label>

        <input type="password" id="password" name="password">

    </div>

    <button type="submit">Update Employee</button>

</form>

<a href="/employees" class="btn">Back to Employee List</a>

</div>

<script src="/script.js"></script>

</body>

</html>
```

Emplyeelist.ejs

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Employee List</title>

    <link rel="stylesheet" href="/styles.css"> <!-- Link to your CSS file -->

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script> <!--
Optional jQuery -->

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

        }

    </style>
```

```
h1 {
  text-align: center;
}

table {
  width: 100%;
  border-collapse: collapse;
  margin-top: 20px;
}

table, th, td {
  border: 1px solid #ddd;
}

th, td {
  padding: 8px;
  text-align: left;
}

th {
  background-color: #f2f2f2;
}

tr:hover {
  background-color: #f1f1f1;
}

.action-buttons {
  display: flex;
  justify-content: space-between;
  margin: 10px 0;
}
```

```
a {
    text-decoration: none;
    color: white;
    padding: 10px 15px;
    border-radius: 5px;
}

.add-button {
    background-color: #4CAF50; /* Green */
}

.logout-button {
    background-color: #f44336; /* Red */
}

.edit-button {
    color: #007BFF; /* Blue color for the Edit link */
    text-decoration: underline; /* Underline for better visibility */
}

.edit-button:hover {
    color: #0056b3; /* Darker blue on hover */
}

.delete-button {
    color: red; /* Red for delete button */
    border: none;
    background: none;
    cursor: pointer;
}

</style>
```

```
</head>
```

```
<body>
```

```
  <h1>Employee List</h1>
```

```
  <div class="action-buttons">
```

```
    <a href="/employees/new" class="add-button">Add Employee</a>
```

```
    <form action="/logout" method="POST">
```

```
      <button type="submit" class="logout-button">Logout</button>
```

```
    </form>
```

```
  </div>
```

```
  <table>
```

```
    <thead>
```

```
      <tr>
```

```
        <th>Name</th>
```

```
        <th>Email</th>
```

```
        <th>Actions</th>
```

```
      </tr>
```

```
    </thead>
```

```
    <tbody>
```

```
      <% employees.forEach(employee => { %>
```

```
        <tr>
```

```
          <td><%= employee.name %></td>
```

```
          <td><%= employee.email %></td>
```

```
          <td>
```

```
            <a href="/employees/<%= employee._id %>/edit" class="edit-  
button">Edit</a>
```

```

        <form action="/employees/<%= employee._id
%>?_method=DELETE" method="POST" style="display:inline;">
            <button type="submit" class="delete-button">Delete</button>
        </form>
    </td>
</tr>
<% }); %>
</tbody>
</table>
</body>
</html>

```

Login.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
        <h1>Login</h1>
        <form action="/login" method="POST">
            <div>
                <label for="email">Email:</label>

```

```
        <input type="email" id="email" name="email" required>
    </div>
    <div>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
    </div>
    <button type="submit">Login</button>
</form>
<p>Don't have an account? <a href="/register">Register here</a></p>
</div>
<script src="/script.js"></script>
</body>
</html>
```

Register.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register</title>
    <link rel="stylesheet" href="/styles.css">
</head>
<body>
    <div class="container">
        <h1>Register</h1>
```

```
<form action="/register" method="POST">
  <div>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" required>
  </div>
  <div>
    <label for="email">Email:</label>
    <input type="email" id="email" name="email" required>
  </div>
  <div>
    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>
  </div>
  <button type="submit">Register</button>
</form>

<p>Already have an account? <a href="/login">Login here</a></p>
</div>
<script src="/script.js"></script>
</body>
</html>
```


Output:

The image displays two screenshots of a web application running on a local host. The top screenshot shows the 'Register' page at `localhost:8001/register`. It features a white registration form with fields for Name, Email, and Password. The Name field contains 'nidhi valand', the Email field contains 'niraivaland2103@gmail.com', and the Password field is masked with dots. A blue 'Register' button is at the bottom of the form, and a link to 'Login here' is provided for existing users. The bottom screenshot shows the 'Login' page at `localhost:8001/login`. It features a white login form with fields for Email and Password. A blue 'Login' button is at the bottom of the form, and a link to 'Register here' is provided for new users. Both screenshots include a Windows taskbar at the bottom with a weather widget showing 33°C Sunny and a system clock showing 15:00 on 25-10-2024.

Register

Name:
nidhi valand

Email:
niraivaland2103@gmail.com

Password:

[Register](#)

Already have an account? [Login here](#)

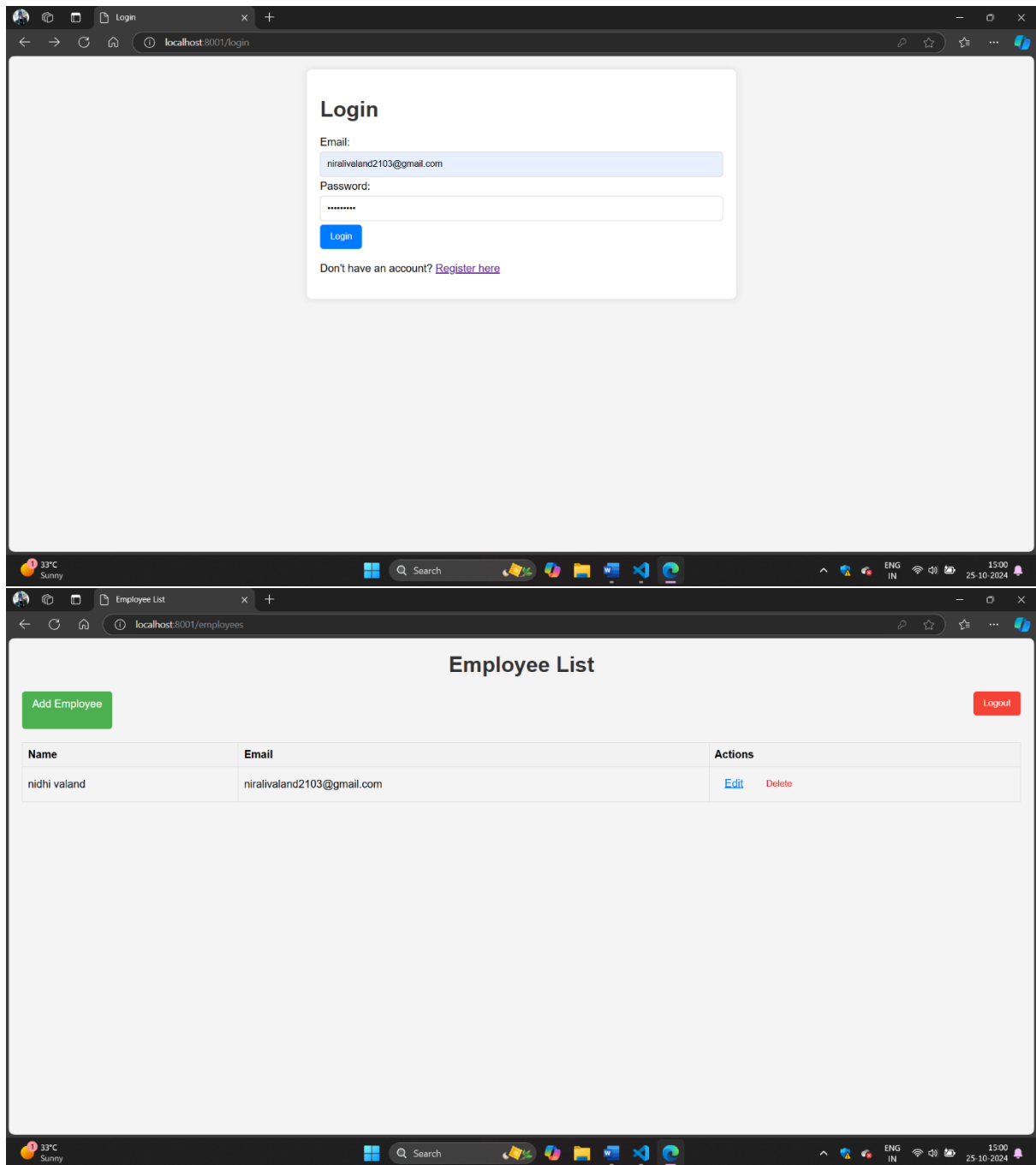
Login

Email:

Password:

[Login](#)

Don't have an account? [Register here](#)



Add Employee

localhost:8001/employees/new

Add New Employee

Name:

abc

Email:

xyz@gmail.com

Password:

Add Employee

Back to Employee List

33°C Sunny

Search

ENG IN

15:00

25-10-2024

Employee List

localhost:8001/employees

Add Employee

Logout

Name	Email	Actions
nidhi valand	niralivaland2103@gmail.com	Edit Delete
abc	xyz@gmail.com	Edit Delete

33°C Sunny

Search

ENG IN

15:01

25-10-2024

Edit Employee

localhost:8001/employees/671b654ed403fb2737f314b8/edit

Edit Employee

Name:

xyz

Email:

xyz@gmail.com

New Password (leave blank to keep current):

Update Employee

Back to Employee List

33°C Sunny

Search

ENG IN

15:01

25-10-2024

Employee List

Add Employee

Logout

Name	Email	Actions
nidhi valand	niralivaland2103@gmail.com	Edit Delete
xyz	xyz@gmail.com	Edit Delete

33°C Sunny

Search

ENG IN

15:01

25-10-2024

