



ECHOES OF TODAY



Members:

Project Manager – Jeric S. Base

Frontend Developer – Jeric S. Base

Backend Developer – Jason Michael Lorente

Database Manager – ~~Baby Jane Bajaro~~

GitHub Manager – Earl Clester Barde

Documentation Officer – Franco B. Marcelo

Screenshot of the HTML form interface

The image displays three screenshots of a web application interface for "Echoes of Today".

Top Screenshot: Sign Up

- Browser tab: Sign Up
- URL: localhost:5000/signup.html
- Form Title: Echoes of Today (Create your account)
- Fields: Username, Email, Password, Confirm Password (with toggle icons).
- Buttons: Sign Up, OR, Sign up with Google.
- Link: Already have an account? [Login](#)

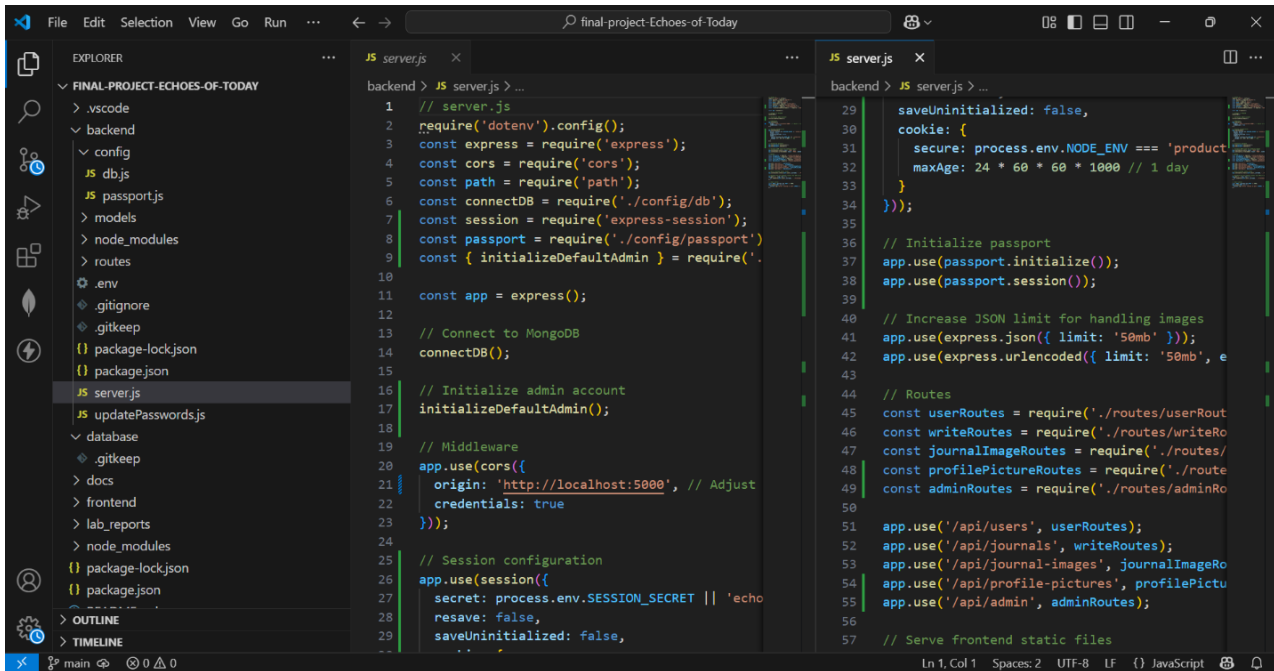
Middle Screenshot: Login

- Browser tab: Login
- URL: localhost:5000/login.html
- Form Title: Echoes of Today (Sign in to your account)
- Fields: Username or Email, Password (with toggle icon).
- Buttons: Login, OR, Login with Google.
- Link: Don't have an account? [Sign Up](#)

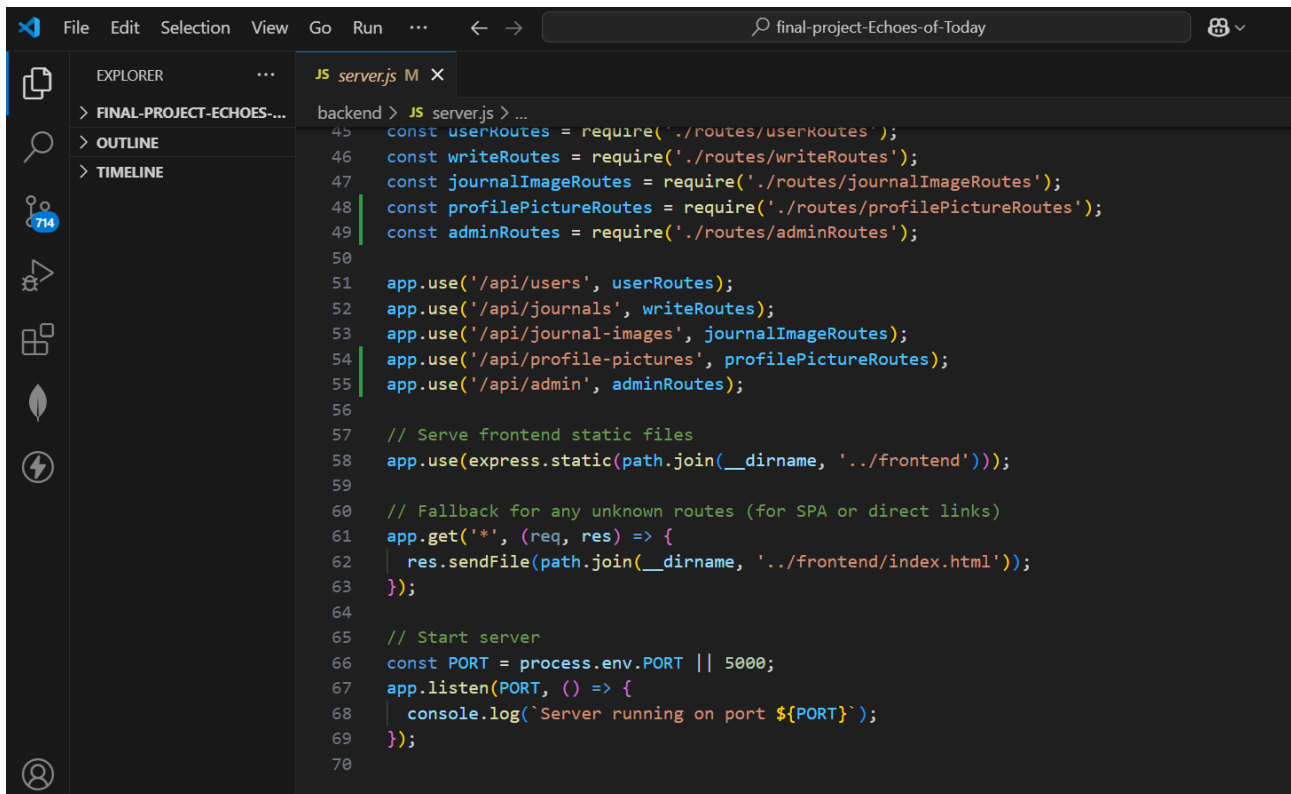
Bottom Screenshot: Write Journal

- Browser tab: Write Journal - Echoes of Today
- URL: localhost:5000/write.html
- Header: Echoes of Today
- User Profile: James Corner (user)
- NAVIGATION: Home, Write Journal (selected), Communities.
- ACCOUNT: Profile.
- Form Title: New Journal Entry
- Fields: Title (Enter a title for your journal), Write your thoughts here... (with "Add Images" and "Add Emoji" buttons).
- Footer: © 2025 Echoes of Today

Screenshot of JS code used for API connection



```
1 // server.js
2 require('dotenv').config();
3 const express = require('express');
4 const cors = require('cors');
5 const path = require('path');
6 const connectDB = require('./config/db');
7 const session = require('express-session');
8 const passport = require('./config/passport');
9 const { initializeDefaultAdmin } = require('./
10
11 const app = express();
12
13 // Connect to MongoDB
14 connectDB();
15
16 // Initialize admin account
17 initializeDefaultAdmin();
18
19 // Middleware
20 app.use(cors({
21   origin: 'http://localhost:5000', // Adjust
22   credentials: true
23 }));
24
25 // Session configuration
26 app.use(session({
27   secret: process.env.SESSION_SECRET || 'echo
28   resave: false,
29   saveUninitialized: false,
30
31
32
33
34
35
36 // Initialize passport
37 app.use(passport.initialize());
38 app.use(passport.session());
39
40 // Increase JSON limit for handling images
41 app.use(express.json({ limit: '50mb' }));
42 app.use(express.urlencoded({ limit: '50mb', e
43
44 // Routes
45 const userRoutes = require('./routes/userRout
46 const writeRoutes = require('./routes/writeRo
47 const journalImageRoutes = require('./routes/
48 const profilePictureRoutes = require('./route
49 const adminRoutes = require('./routes/adminRo
50
51 app.use('/api/users', userRoutes);
52 app.use('/api/journals', writeRoutes);
53 app.use('/api/journal-images', journalImageRo
54 app.use('/api/profile-pictures', profilePictu
55 app.use('/api/admin', adminRoutes);
56
57 // Serve frontend static files
```



```
45 const userRoutes = require('./routes/userRoutes');
46 const writeRoutes = require('./routes/writeRoutes');
47 const journalImageRoutes = require('./routes/journalImageRoutes');
48 const profilePictureRoutes = require('./routes/profilePictureRoutes');
49 const adminRoutes = require('./routes/adminRoutes');
50
51 app.use('/api/users', userRoutes);
52 app.use('/api/journals', writeRoutes);
53 app.use('/api/journal-images', journalImageRoutes);
54 app.use('/api/profile-pictures', profilePictureRoutes);
55 app.use('/api/admin', adminRoutes);
56
57 // Serve frontend static files
58 app.use(express.static(path.join(__dirname, '../frontend')));
59
60 // Fallback for any unknown routes (for SPA or direct links)
61 app.get('*', (req, res) => {
62   res.sendFile(path.join(__dirname, '../frontend/index.html'));
63 });
64
65 // Start server
66 const PORT = process.env.PORT || 5000;
67 app.listen(PORT, () => {
68   console.log(`Server running on port ${PORT}`);
69 });
70
```

Screenshot of MongoDB document inserted

This screenshot shows the MongoDB Compass interface. The left sidebar displays the 'Cluster' overview and the 'Data Explorer' for 'Project 0' and 'Cluster0'. The 'test' database is selected, and the 'journals' collection is highlighted. The main panel shows the 'test.journals' collection with a storage size of 36KB and 10 documents. A document is displayed with the following fields:

```
{
  "_id": ObjectId('6818cc955518dfabe39ee37b'),
  "title": "okay na ba 27",
  "content": "sana oo na",
  "userId": 2,
  "userName": "yen",
  "createdAt": 2025-05-05T14:35:01.742+00:00,
  "updatedAt": 2025-05-05T14:35:01.742+00:00,
  "__v": 0
}
```

The system status is 'All Good'.

This screenshot shows the MongoDB Compass interface. The left sidebar displays the 'Cluster' overview and the 'Data Explorer' for 'Project 0' and 'Cluster0'. The 'test' database is selected, and the 'users' collection is highlighted. The main panel shows the 'test.users' collection with a storage size of 36KB and 12 documents. A document is displayed with the following fields:

```
{
  "_id": 2,
  "name": "abdul",
  "email": "yengmail.com",
  "password": "$2b$10$e68az2t6dWvXVGLDT0Asue13o631x03P435oH1ePy3TB.yGRatJA1",
  "role": "user",
  "__v": 0
}
```

The system status is 'All Good'.

This screenshot shows the MongoDB Compass interface. The left sidebar displays the 'Cluster' overview and the 'Data Explorer' for 'Project 0' and 'Cluster0'. The 'test' database is selected, and the 'adminaccounts' collection is highlighted. The main panel shows the 'test.adminaccounts' collection with a storage size of 36KB and 1 document. A document is displayed with the following fields:

```
{
  "_id": ObjectId('68207451a5b69173433f4e0b'),
  "username": "EchoesOfTodayAdmin",
  "password": "$2b$10$RR8NluutQc/0fxLXkmtdeNrrW30x1f10HDSUm0eXm.pKYqcP6",
  "name": "System Administrator",
  "email": "admin@echoesoftoday.com",
  "createdAt": 2025-05-11T09:56:33.981+00:00,
  "__v": 0
}
```

The system status is 'All Good'.

Screenshot of GitHub commits (frontend and backend)

The image displays three screenshots of the GitHub web interface, showing the commit history for the 'final-project-Echoes-of-Today' repository. The repository is owned by 'Chesster' and is located at 'github.com/Chesster/final-project-Echoes-of-Today/tree/main/frontend'.

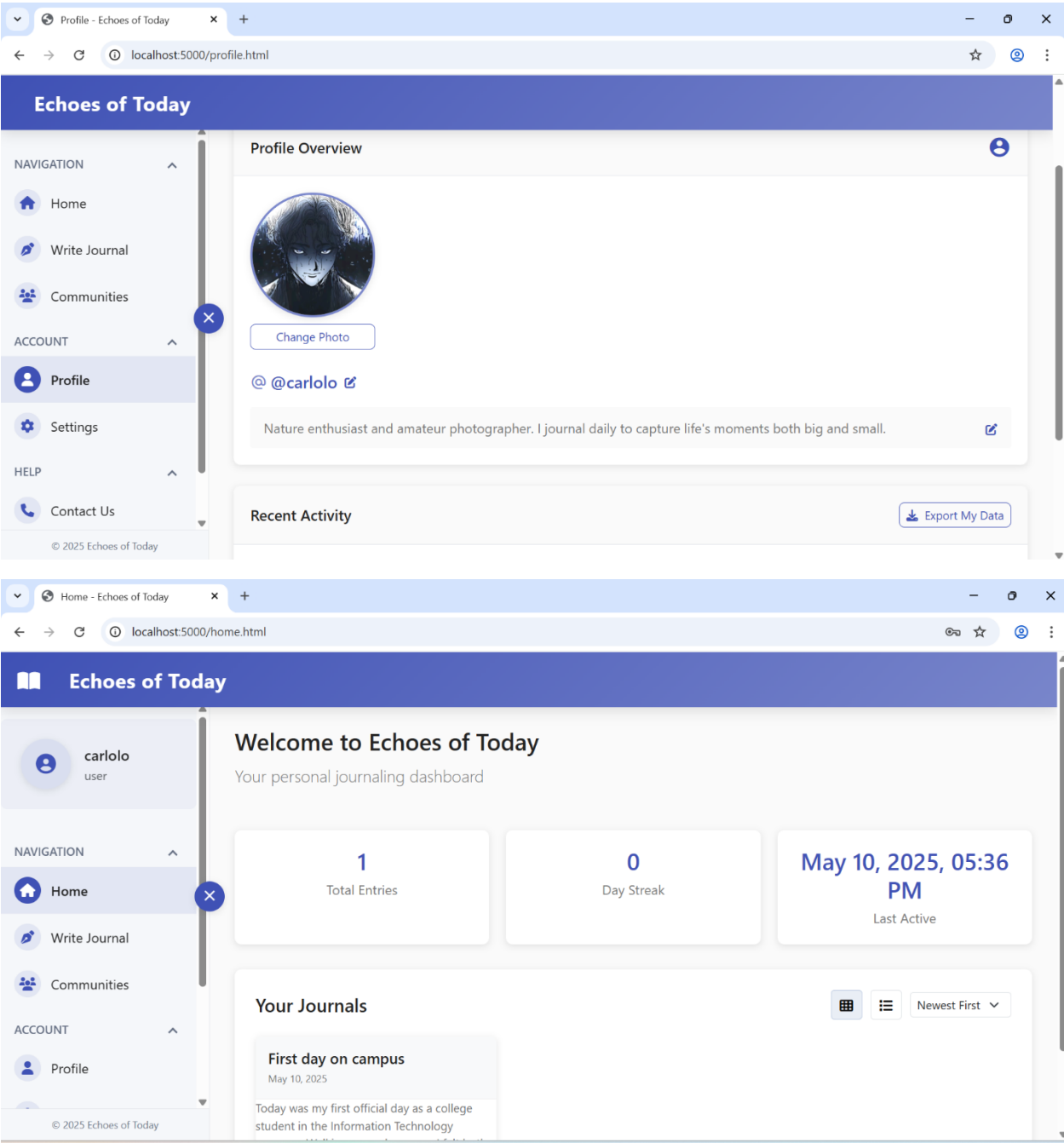
The first screenshot shows the commit history for the 'frontend' directory. The table lists commits with columns for Name, Last commit message, and Last commit date. The commits are sorted by date, with the most recent at the top.

Name	Last commit message	Last commit date
..	updates	3 days ago
css	updates	3 days ago
images	Update backend changes (added models, routes), update from...	2 weeks ago
js	updates	3 days ago
gitkeep	Add base folders: frontend, backend, database, docs	last month
admin-dashboard.html	updates	3 days ago
admin.html	updates	3 days ago
community.html	updates	3 days ago

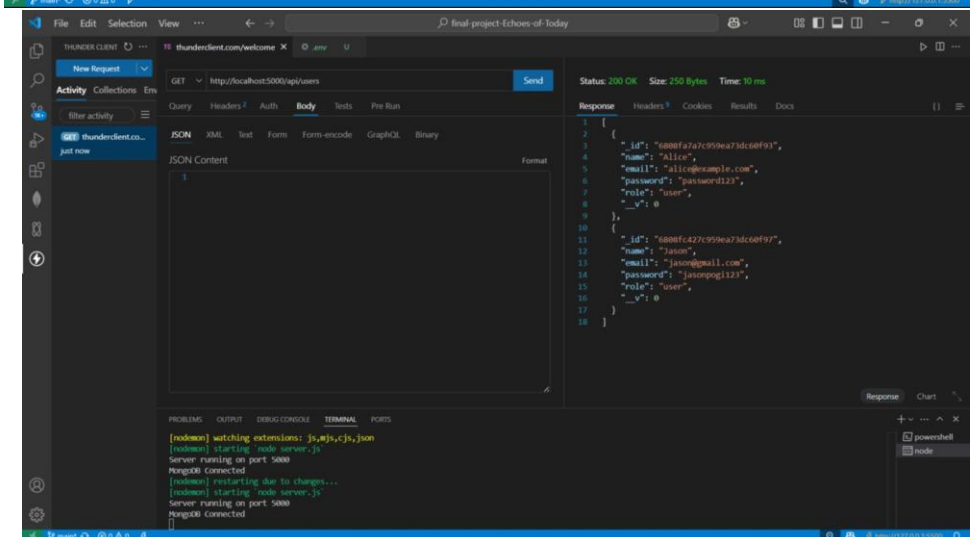
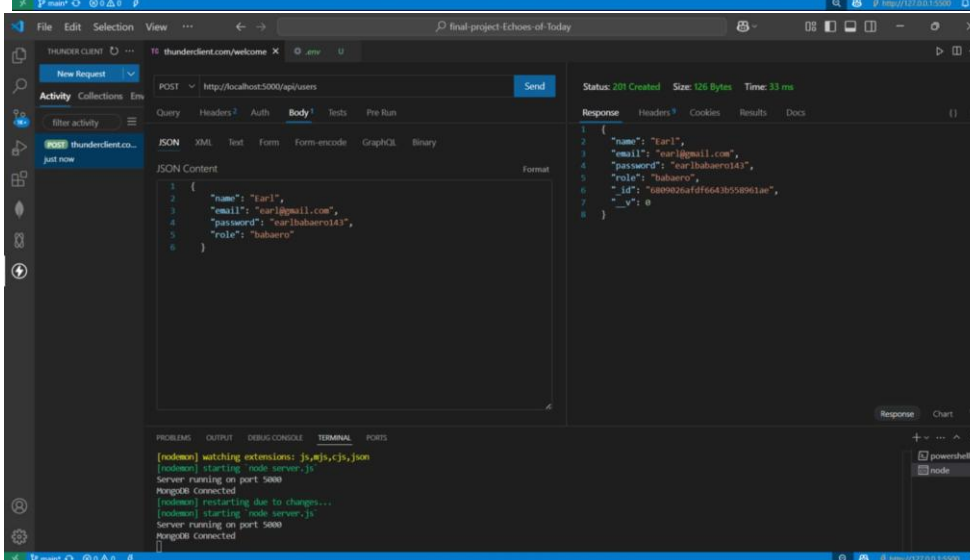
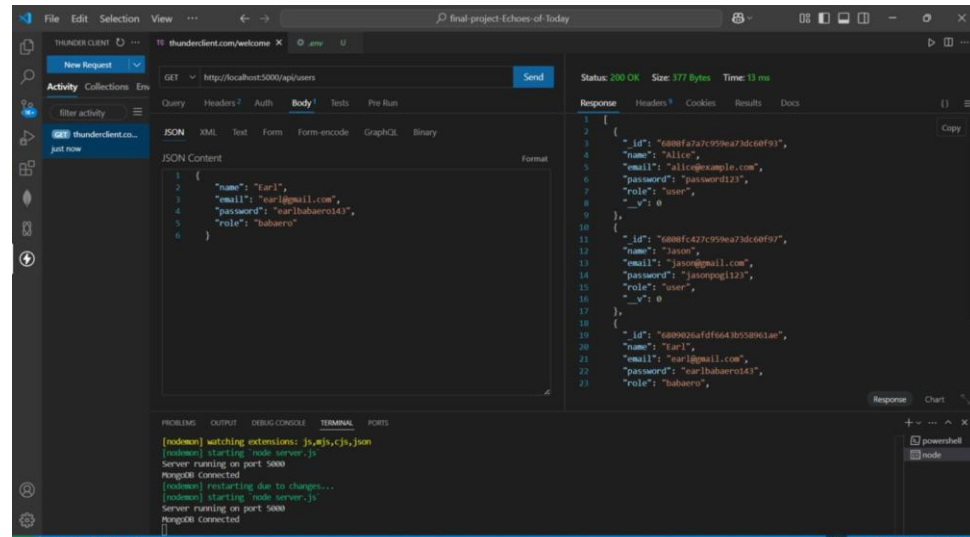
The second screenshot shows the commit history for the 'backend' directory. The table lists commits with columns for Name, Last commit message, and Last commit date. The commits are sorted by date, with the most recent at the top.

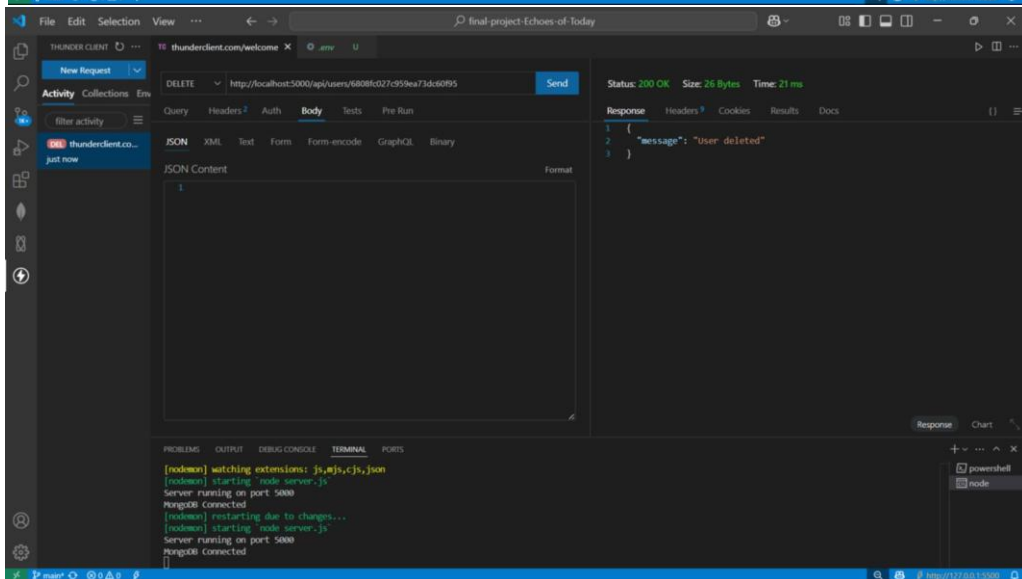
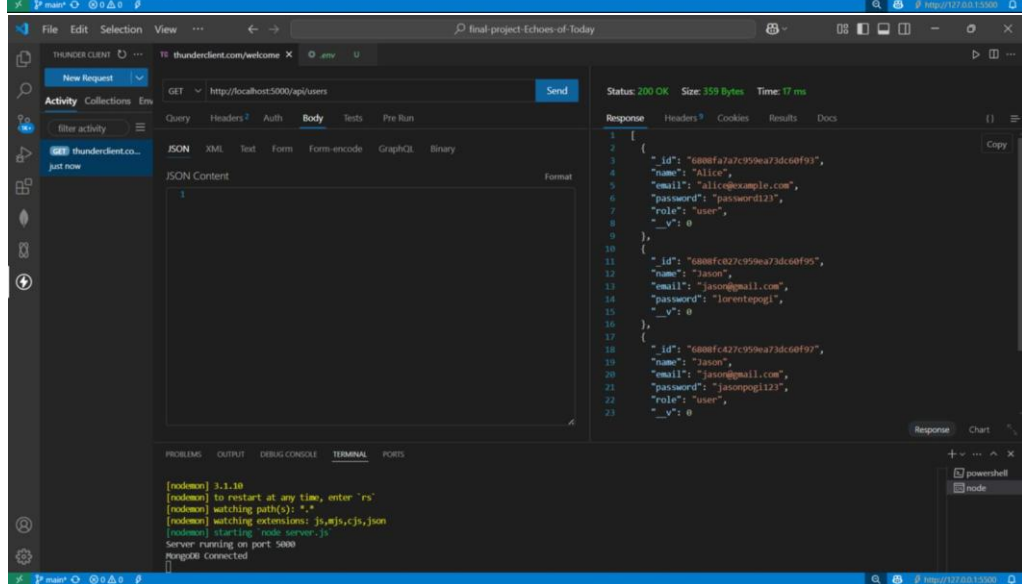
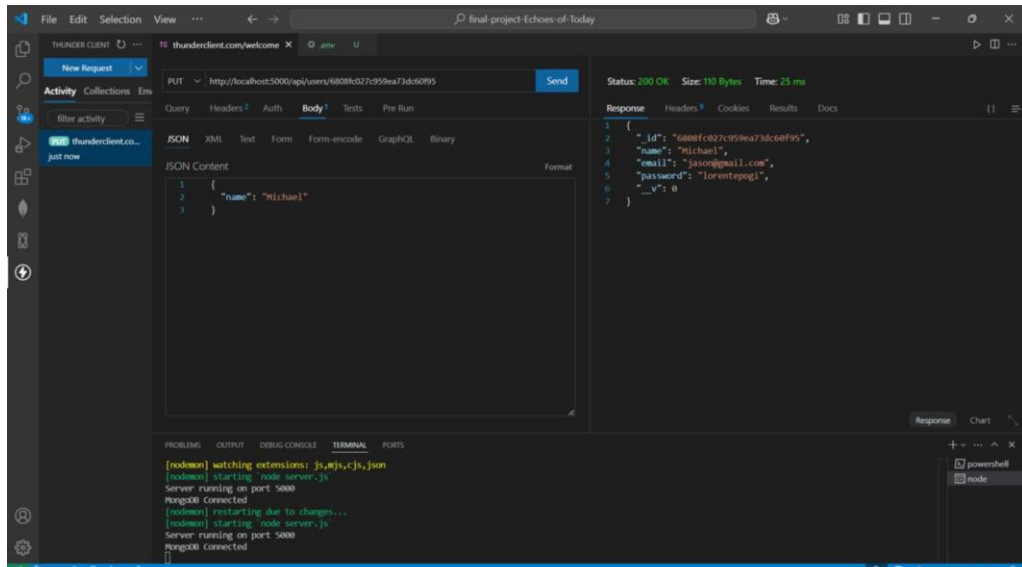
Name	Last commit message	Last commit date
..	updates	3 days ago
config	updates	3 days ago
models	updates	3 days ago
node_modules	updates	3 days ago
public	updates	last week
routes	updates	3 days ago
gitignore	updates	3 days ago
gitkeep	Add base folders: frontend, backend, database, docs	last month
package-lock.json	updates	3 days ago
package.json	updates	3 days ago
server.js	updates	3 days ago
updatePasswords.js	Update backend changes (added models, routes), update from...	2 weeks ago

Screenshot of at least 2 display pages



Sample backend API response (console or Postman screenshot)





Annotated JavaScript snippet used for rendering data

```
function loadUserProfile() {
  const userNameElement = document.getElementById('user-name');
  const userRoleElement = document.getElementById('user-role');
  const userProfileSection = document.querySelector('.user-profile');

  if (!userNameElement || !userRoleElement) return;

  // Try to get user info from localStorage
  fetchUserInfo();

  // Make the profile section clickable - redirect to profile page
  if (userProfileSection) {
    userProfileSection.addEventListener('click', function() {
      window.location.href = 'profile.html';
    });
  }

  /**
   * Fetches user information and updates the display
   */
  function fetchUserInfo() {
    // Simulate loading delay
    userNameElement.textContent = 'Loading...';

    // Get user data from localStorage
    const userData = localStorage.getItem('userData');
    if (userData) {
      try {
        const userInfo = JSON.parse(userData).user;
        displayUserInfo(userInfo);
        fetchProfilePicture(userInfo.id);
      } catch (error) {
        console.error('Error parsing user data:', error);
        displayDefaultUserInfo();
      }
    } else {
      displayDefaultUserInfo();
    }
  }
}
```

GitHub URL to Update Repo:

<https://github.com/Chesssster/final-project-Echoes-of-Today>