PROGRESS REPORT #4
FINDING NEEDMO: AN UP-TO-DATE EDUCATIONAL RESOURCE FOR THE DEPARTMENT OF COMPUTER STUDIES AT CAVITE STATE UNIVERSITY - BACOOR CITY CAMPUS

Date: January 13, 2024

Time: 3:30 pm – 4:30 pm

Attendance:
1. Dasalla Keith Gabriell F. **Present** ˅
2. Fernandez, Alexander James Ian J. **Present** ˅
3. Labalan, Jerald V. **Present** ˅
4. Tan, Gerlyn R. **Present** ˅
5. Virtudez, Donna Pauline F. **Present** ˅

Picture #1
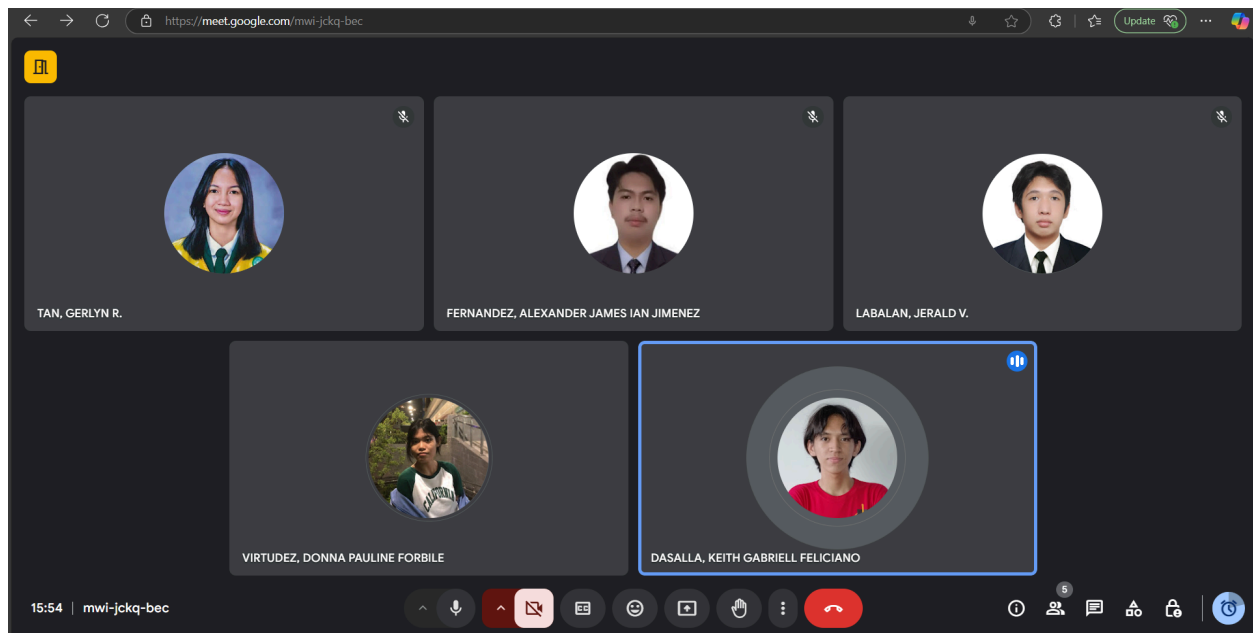
The members are assigned to continue what has been left in the development and testing phase. Aside from that, since the manuscript template was handed out by

our instructor, the member assigned to that role will fill in the contents needed for submission.

Tasks Distribution

| Member	Role	Task
Dasalla Keith Gabriell F.	UI/UX Designer ▾ Documentation Analyst ▾	Created additional UI for search history and file/document creation. Added revisions on the manuscript.
Fernandez, Alexander James Ian J.	QA Tester ▾ Front-End Developer ▾	Completed the unit testing for **Account Settings** and **Profile**
Labalan, Jerald V.	Project Manager ▾ Front-End Developer ▾	Developed essential, user-friendly interfaces with a focus on enhancing user experience: ● **Content Management Page** ● **Search History Page** ● **Search Result Page** ● **View Content Page**
Tan, Gerlyn R.	Back-end Developer ▾	Structured the search functionality and added server logic on Educator Manage Content Page
Virtudez, Donna Pauline F.	Database Manager ▾ QA Tester ▾	Completed the unit testing for Forgot Password, Register, Login, and log out functionalities.

Output of the Week:

Progress rating
Document - 50%
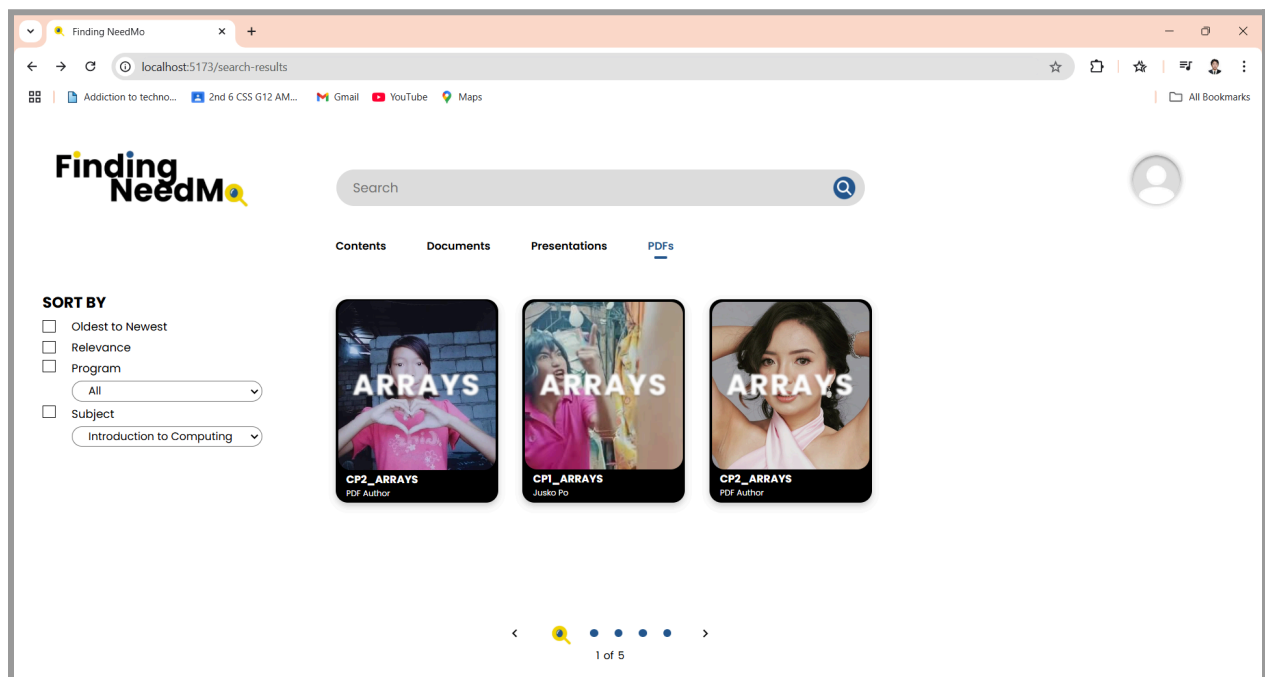*System - 60%*

PICTURE#1: Search Results Page; Sort By: Contents
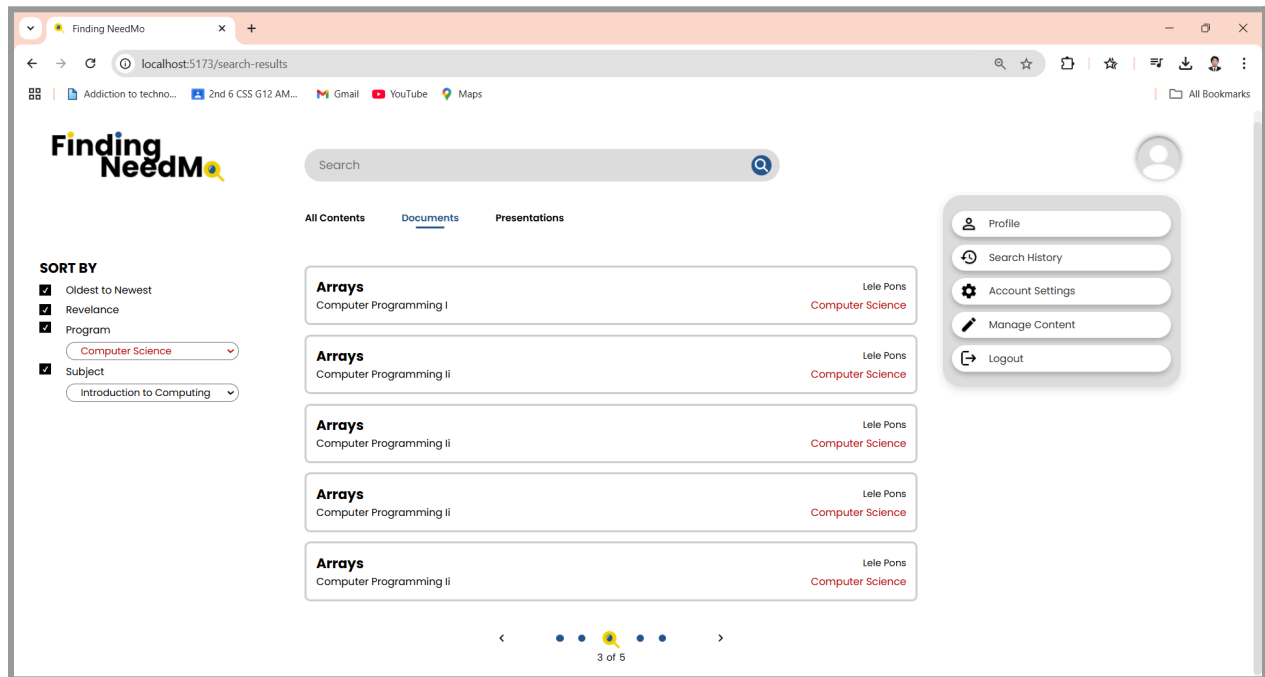
PICTURE#2: Seach Results Page; Sort By: PDFs
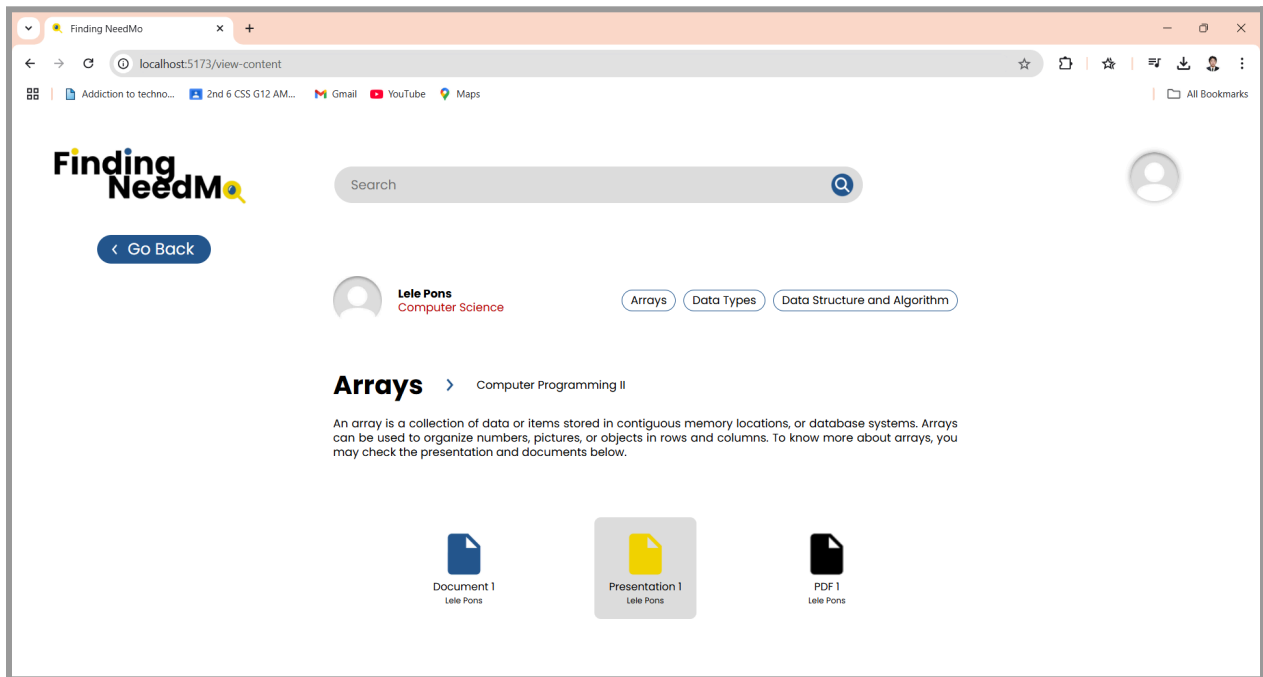
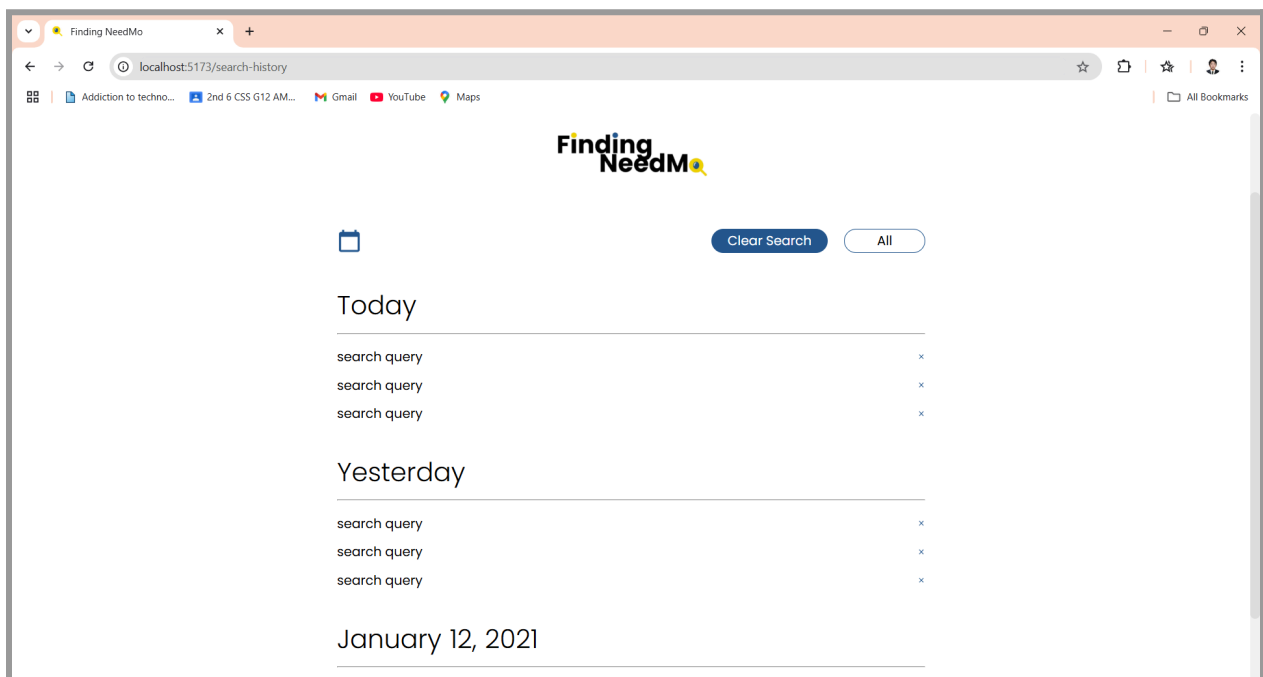**PICTURE#3: Seach Results Page; Sort By: Presentations**
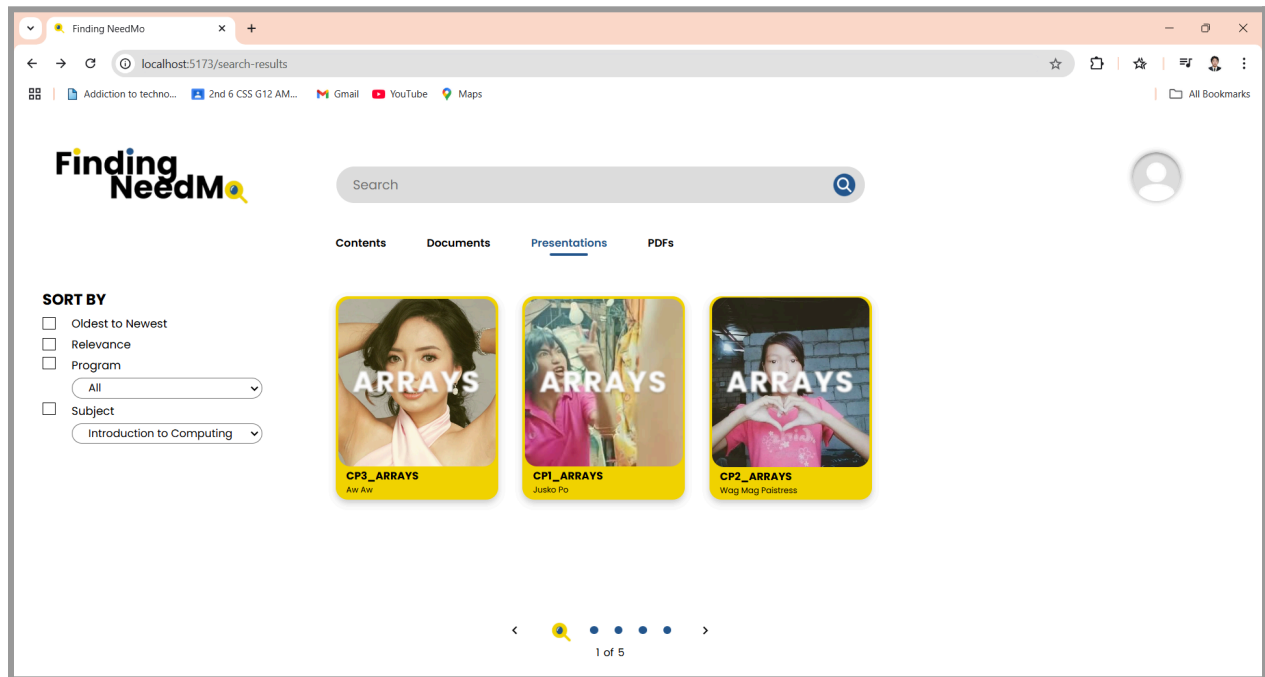
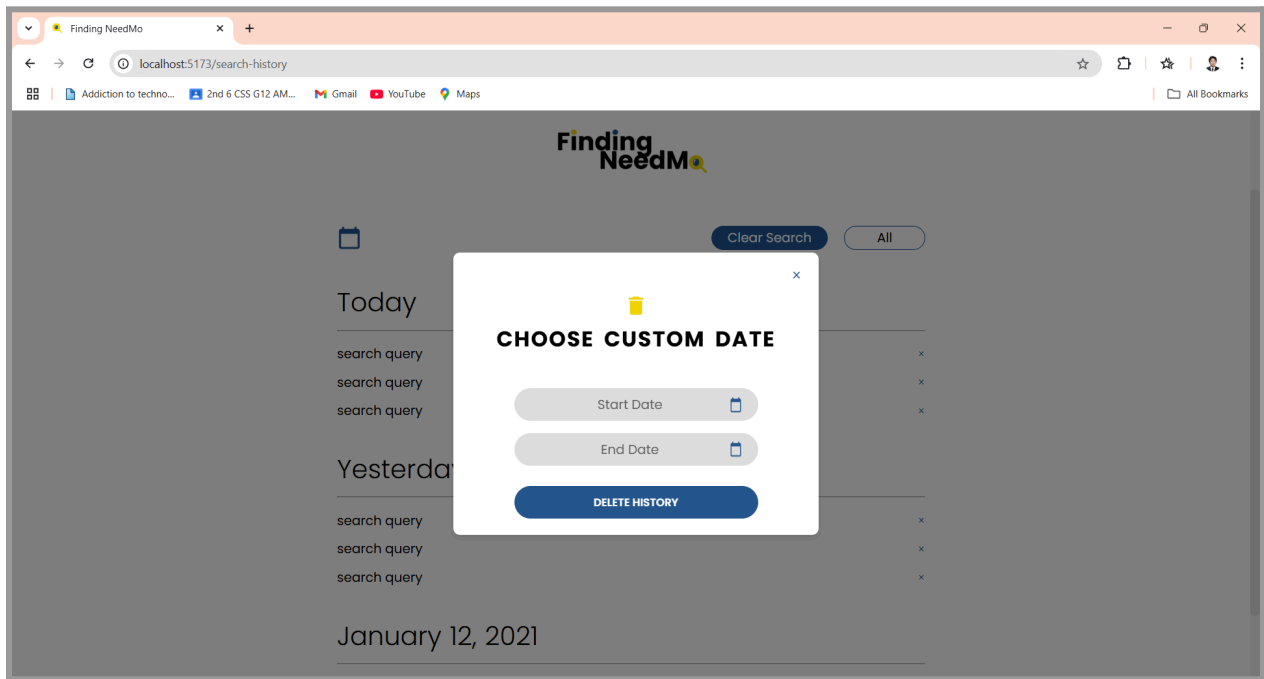
PICTURE#4: Seach Results Page; Sort By: Documents
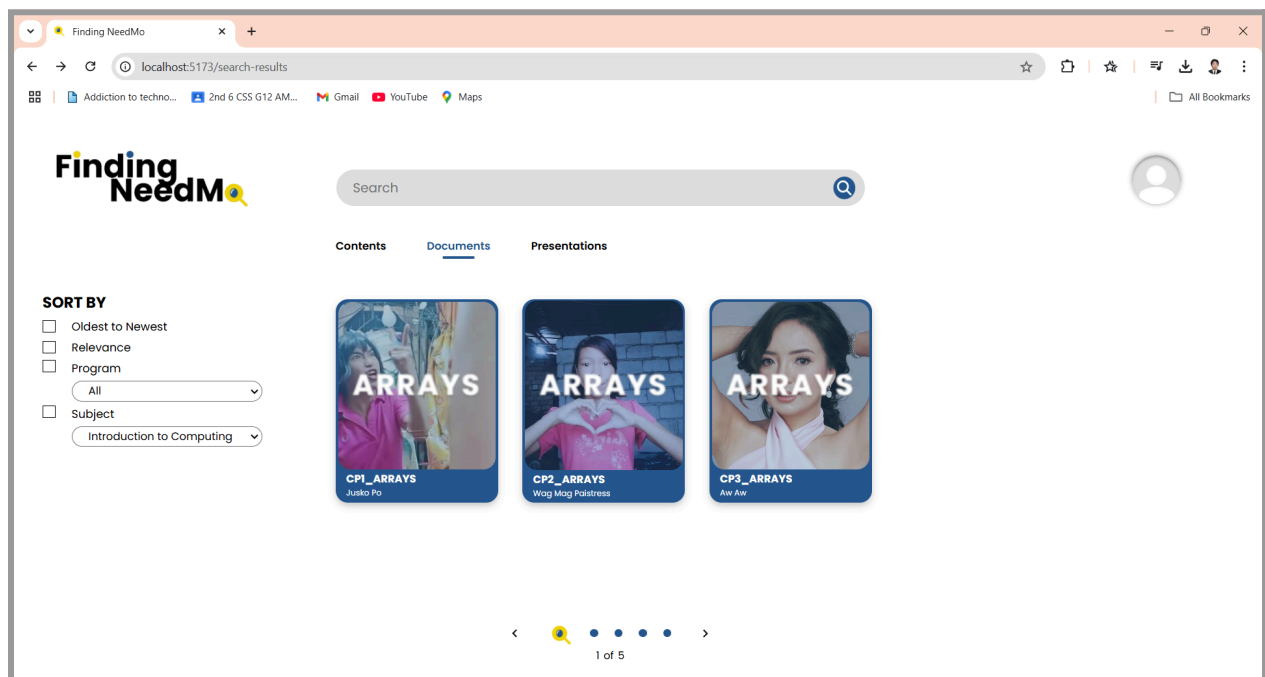
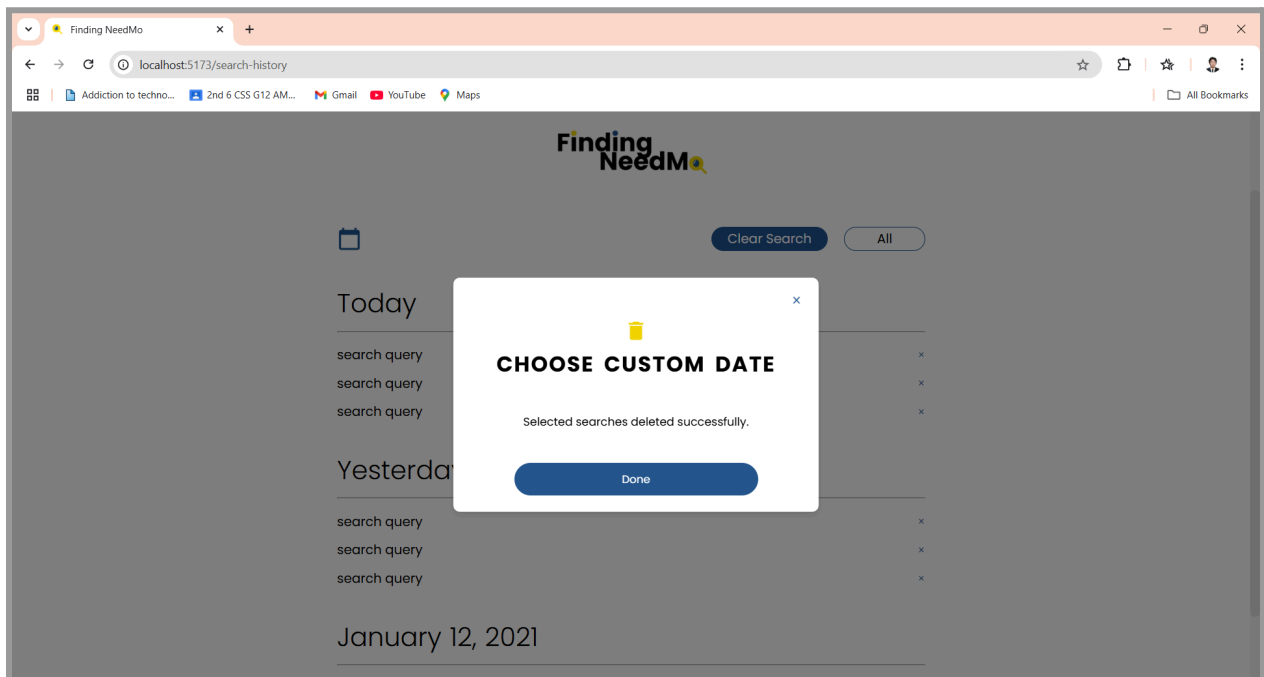## PICTURE#5: View Content Page (For Contents Only)

PICTURE#6: Search History Page

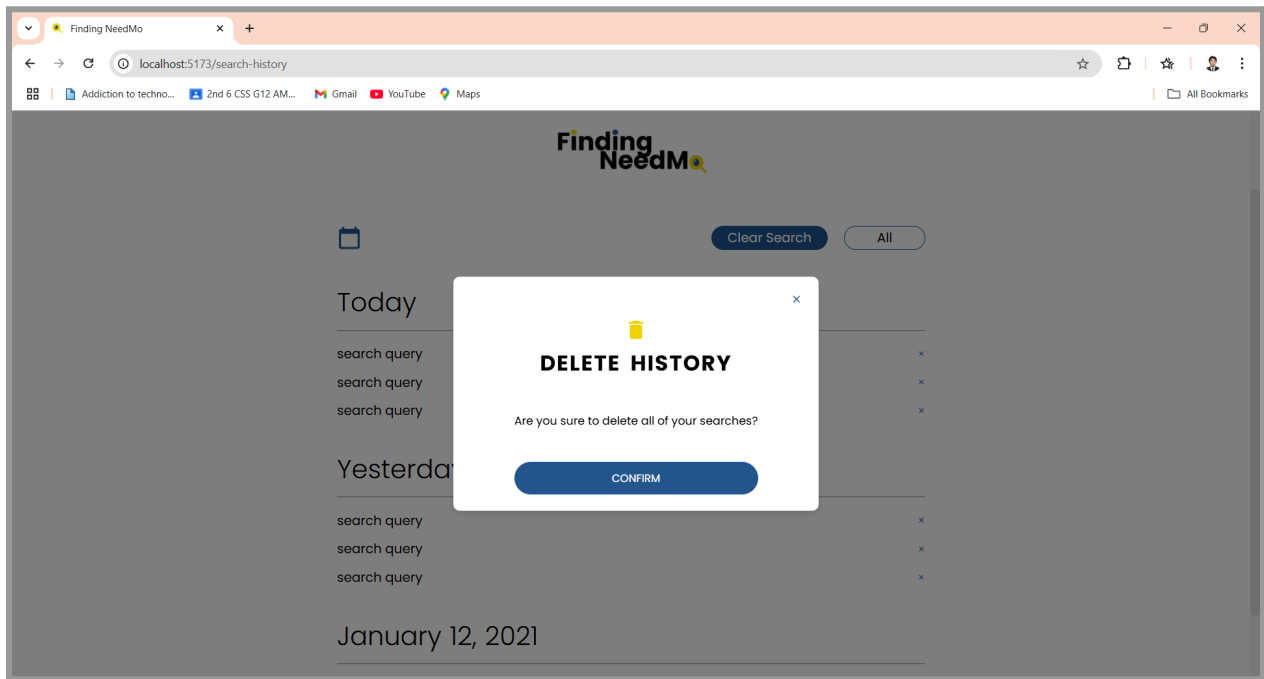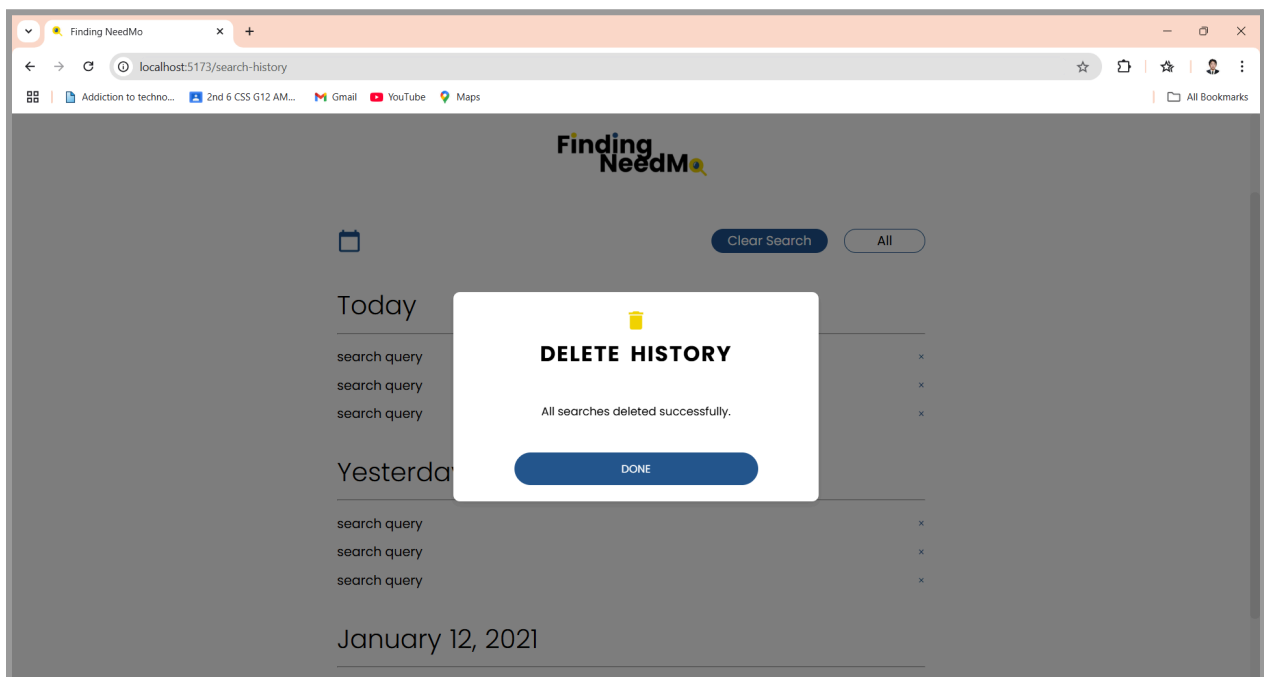## PICTURE#7: Custom Delete Modal

PICTURE#8: Success Custom Delete Modal

PICTURE#9: Delete All Seach History Modal

PICTURE#10: Success Delete All Seach History Modal

Frontend unit testing for:

Account Settings Page

```
 PASS  src/components/AccountSettings/AccountSettings.test.jsx
  AccountSettings
    √ renders account settings page (176 ms)
    √ navigates to change email form (26 ms)
    √ click next in change email form step 1 and render step 2 (19 ms)
    √ click next in change email form step 2 and navigates to success screen (19 ms)
    √ navigates to change password form (15 ms)
    √ click next in change password form step 1 and render step 2 (18 ms)
    √ click next in change password form step 2 and navigates to success screen (19 ms)
    √ cancel functionality returns to main account settings (18 ms)

Test Suites: 1 passed, 1 total
Tests:       8 passed, 8 total
Snapshots:   0 total
Time:        5.578 s
```

Profile Page

```
 PASS  src/components/Profile/Profile.test.jsx
  Profile Component
    √ renders the profile component (214 ms)
    √ calls the openEditProfileModal function when edit profile is clicked (299 ms)
    √ calls the openAddContentModal function when add content is clicked (68 ms)
    √ triggers openEditContentModal function when edit button is clicked (14 ms)
    √ triggers openArchiveContentModal function when archive button is clicked (14 ms)
    √ triggers handleDeleteRow function when delete button is clicked (13 ms)
    Edit Profile Modal
      √ renders the Edit Profile modal and inputs (150 ms)
      √ closes the modal when close button is clicked (71 ms)
      √ calls saveProfileChanges when save button is clicked (86 ms)
    Add Content Modal
      √ renders the Add Content modal and inputs (85 ms)
      √ calls closeAddContentModal when close button is clicked (34 ms)
      √ calls handleAddContentChange when input fields change (50 ms)
      √ calls handleContentFileChange when a file is added (44 ms)
      √ renders file name and removes file on clicking the remove icon (34 ms)
    Archive Content Modal
      √ renders the archive modal and shows confirmation message after archiving (6 ms)
      √ closes the modal when the close button is clicked (5 ms)
      √ shows success message after content is archived (4 ms)
    Delete Content Modal
      √ renders the delete modal with confirmation input and button (5 ms)
      √ accepts confirmation text input and calls next step (7 ms)
      √ closes the modal when the close button is clicked (5 ms)
      √ shows success message after content is deleted (4 ms)

Test Suites: 1 passed, 1 total
Tests:       21 passed, 21 total
Snapshots:   0 total
Time:        6.507 s
```

Logout Button

```
  Unit Testing for Log Out
    √ Should successfully log out and navigate to Login Page (12 ms)
    √ Should handle errors during log out and not navigate (4 ms)


Test Suites: 1 passed, 1 total
Tests:       2 passed, 2 total
Snapshots:   0 total
```

Forgot Password Page

```
 PASS  src/components/ForgotPassword/ForgotPassword.test.jsx
  Unit Testing for Forgot Password Component
    √ Should render the lock icon (47 ms)
    √ Should render the "TROUBLE LOGGING IN?" (17 ms)
    √ Should render the subtitle (13 ms)
    √ Should render the email input field (6 ms)
    √ Should update email input value when typing (14 ms)
    √ Should submit email when the "FORGOT PASSWORD" button is clicked (39 ms)
    √ Should submit email and go to next step (30 ms)
    √ Should show an error if email is not entered (31 ms)


Test Suites: 1 passed, 1 total
Tests:       8 passed, 8 total
Snapshots:   0 total
Time:        6.477 s
```

Backend unit testing for:

Register Function

```
 PASS  test/Register.test.jsx
  Unit Testing for Sign Up Function
    For '/sendPIN'
      √ Should return error if email exists (87 ms)
      √ Should send verification code if email does not exist (9 ms)
    For '/verifyPin'
      √ Should return error if PIN has expired (8 ms)
      √ Should return success if PIN is correct (7 ms)
      √ Should return error if PIN is incorrect (9 ms)
      √ Should return error if PIN not found (7 ms)
    For '/submitSignUp'
      √ Should return error if password hashing fails (8 ms)
      √ Should submit user data and create profile successfully (6 ms)
      √ Should return error if sign up fails (11 ms)


Test Suites: 1 passed, 1 total
Tests:       9 passed, 9 total
Snapshots:   0 total
Time:        2.48 s
```

Login Function

```
PASS  test/Login.test.jsx
 Unit Testing for Log In Function
   √ Should log in the user and return user info if credentials are correct and status is active (96 ms)
   √ Should return error when incorrect password is provided (11 ms)
   √ Should return error if the user is not found (9 ms)
   √ Should return error for missing login email (11 ms)
   √ Should return error for missing login password (6 ms)
   √ Should return database error if there's an issue querying user (7 ms)
   √ Should return user info if user is logged in (14 ms)
   √ Should return valid false if user is not logged in (13 ms)


Test Suites: 1 passed, 1 total
Tests:       8 passed, 8 total
Snapshots:   0 total
Time:        2.641 s
```

Forgot Password Function

```
PASS  test/ForgotPassword.test.jsx
 Unit Testing for Forgot Password Function
   √ Should send OTP if the email exists (75 ms)
   √ Should return an error if the email does not exist (8 ms)
   √ Should verify OTP successfully if PIN is correct and not expired (5 ms)
   √ Should return error if the PIN is incorrect (6 ms)
   √ Should return error if the PIN has expired (7 ms)
   √ Should reset password successfully (75 ms)
   √ Should return error if reset password fails (75 ms)
   √ Should return error if password hashing fails (8 ms)


Test Suites: 1 passed, 1 total
Tests:       8 passed, 8 total
Snapshots:   0 total
Time:        2.694 s
```

Logout Function

```
PASS  test/logoutFunction.test.jsx
  Unit Testing for Log Out Function
    Log Out Functionality
      √ Should log out the user successfully (47 ms)
      √ Should return error on server failure (9 ms)
      √ Should return error if update query affects no rows (13 ms)
    Scheduled Task to Mark Users as Inactive
      √ Should run successfully and update inactive users (4 ms)
      √ Should handle error in checking inactive users (1 ms)
      √ Should handle error in updating inactive users (1 ms)


Test Suites: 1 passed, 1 total
Tests:       6 passed, 6 total
Snapshots:   0 total
Time:        2.048 s
```