

# Multimodal Bug Report Dataset

A dataset of bug reports with AI-generated summaries, stack traces, and screenshots

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Total Samples: 11

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# 1. Login API returns 200 OK but user session not created

## ANALYZED

### DESCRIPTION

The frontend calls /api/login with valid credentials and receives a 200 OK response with a JSON token. However, the session cookie is not set, and subsequent authenticated requests fail with 401 Unauthorized. Steps to reproduce:  
1. Start the dev server.  
2. Go to the login page.  
3. Enter valid credentials (\*\*@\*\*.com / password123).  
4. Observe that the login response is 200 OK with { "token": "abc123" }.  
5. Try accessing /api/user/profile returns 401 Unauthorized.  
6. No cookie or Authorization header is persisted in browser storage.  
Expected: Successful login should create a session or

### ENVIRONMENT

OS: Linux

Browser: Chrome 22.04

### STACK TRACE

```
POST /api/login 200 58ms
Error: Unauthorized: Missing session cookie
at authMiddleware (src/middleware/auth.js:23:15)
at Layer.handle [as handle_request] (node_modules/express/lib/router/layer.js:95:5)
at next (node_modules/express/lib/router/route.js:144:13)
at Route.dispatch (node_modules/express/lib/router/route.js:114:3)
at Layer.handle [as handle_request] (node_modules/express/lib/router/layer.js:95:5)
```

### AI ANALYSIS

**Category:** network-error

**Solution:**

Implement retry logic: `axios.get(url).catch(() => retry())`. Add timeout handling. For CORS: configure server with proper headers: `Access-Control-Allow-Origin`. Check network connectivity and API endpoint availability.

## 2. Upload fails for large images

### ANALYZED

#### DESCRIPTION

When uploading images larger than 5MB, the server returns 500 error. The error message says 'Request entity too large' but it's not shown to the user.

#### ENVIRONMENT

OS: Windows 11

Browser: Firefox 121.0

#### STACK TRACE

Error: Internal Server Error (500) at upload endpoint

#### AI ANALYSIS

**Category:** server-error

**Solution:**

Increase server file upload limit. In Express: use multer with limits: { fileSize: 10 \* 1024 \* 1024 }. In nginx: set client\_max\_body\_size 10M; Add proper validation and user-friendly error messages for file size limits.

### 3. 500 Internal Server Error when uploading images larger th...

#### ANALYZED

#### DESCRIPTION

When I try to upload a screenshot larger than ~5MB using the app's bug-report form, the server responds with a 500 Internal Server Error and no helpful message to the user. Small images upload fine. Steps to reproduce: 1. Open the bug report form. 2. Attach a PNG screenshot larger than 5 megabytes. 3. Submit the form. 4. The client receives HTTP 500 and the upload fails. Expected: The server should accept files up to configured limit (e.g., 25MB), or return a clear 4xx error with a helpful message if the file is too large. Actual: The server throws an uncaught error and returns HTTP 500;

#### ENVIRONMENT

OS: Linux

#### STACK TRACE

```
Error: request entity too large
at readStream (/usr/src/app/node_modules/raw-body/index.js:155:17)
at getRawBody (/usr/src/app/node_modules/raw-body/index.js:108:12)
at read (/usr/src/app/node_modules/body-parser/lib/read.js:77:3)
at jsonParser (/usr/src/app/node_modules/body-parser/lib/types/json.js:110:3)
at Layer.handle [as handle_request] (/usr/src/app/node_modules/express/lib/router/...
at next (/usr/src/app/node_modules/express/lib/router/route.js:144:13)
at Route.dispatch (/usr/src/app/node_modules/express/lib/router/route.js:114:3)
```

#### AI ANALYSIS

**Category:** server-error

#### Solution:

Increase server file upload limit. In Express: use multer with limits: { fileSize: 10 \* 1024 \* 1024 }. In nginx: set client\_max\_body\_size 10M; Add proper validation and user-friendly error messages for file size limits.

## 4. App crashes when saving user profile

### ANALYZED

#### DESCRIPTION

When user clicks Save button in profile settings, the app crashes with a white screen. This happens every time.

#### ENVIRONMENT

OS: Windows 11

Browser: Chrome 120.0

#### STACK TRACE

TypeError: Cannot read property 'name' of null at ProfilePage.handleSave (Profile....)

#### AI ANALYSIS

**Category:** crash

#### Solution:

Add null checks: `if (data && data.property)` before accessing. Use optional chaining: `data?.property`. Add error boundaries: wrap components with try-catch. Verify form data is properly validated before saving.

## 5. Database connection timeout

### ANALYZED

#### DESCRIPTION

Application fails to connect to the database after 30 seconds. Users see 'Service Unavailable' error.

#### ENVIRONMENT

OS: Ubuntu 22.04

Browser: N/A

#### STACK TRACE

Error: connect ETIMEDOUT \*\*\*.\*\*\*.\*\*\*.\*\*\*:5432 at TCPConnectWrap.afterConnect

#### AI ANALYSIS

**Category: unknown**

**Solution:**

Please review the error logs and stack trace for more details

## 6. Dark Mode setting resets to Light after page reload

### ANALYZED

#### DESCRIPTION

When a user enables Dark Mode from the Appearance settings, the app switches to dark theme correctly. However, after refreshing the page or reopening the app, the theme reverts back to Light mode. Steps to reproduce:  
1. Log in to the app.  
2. Go to Settings Appearance.  
3. Turn on "Dark Mode".  
4. Refresh the browser or reopen the app.  
5. Notice that the theme is back to Light mode.

Expected: The Dark Mode preference should persist across sessions.  
Actual: The setting resets every time the page reloads.

#### ENVIRONMENT

OS: macOS  
Browser: Firefox 121.0

#### STACK TRACE

```
ReferenceError: localStorage is not defined
at saveThemePreference (src/utils/theme.js:22:15)
at toggleDarkMode (src/components/AppearanceSettings.jsx:48:9)
at HTMLButtonElement.onclick (src/components/AppearanceSettings.jsx:77:18)
```

#### AI ANALYSIS

**Category:** unknown

**Solution:**

Please review the error logs and stack trace for more details

## 7. App crashes when saving profile

### ANALYZED

#### DESCRIPTION

When clicking Save button in Settings, the app shows a white screen

#### ENVIRONMENT

OS: Windows 11

Browser: Chrome 119.0

#### STACK TRACE

TypeError: Cannot read property 'value' of undefined at SettingsPage.jsx:45

#### AI ANALYSIS

**Category:** crash

#### Solution:

Check for null/undefined values before accessing properties. Add defensive checks like `if (element && element.value)` before using DOM elements. Verify event handlers are properly bound.

## 8. Settings Save Button Crash

### ANALYZED

#### DESCRIPTION

User clicks Save in Settings and app crashes with white screen

#### ENVIRONMENT

OS: Windows 11

Browser: Chrome 119.0.6045.140

#### STACK TRACE

TypeError: Cannot read property 'save' of undefined at SettingsPage.jsx:45

#### AI ANALYSIS

**Category:** mock-category

**Solution:**

Mocked suggestion

## 9. App crashes when clicking Save

### ANALYZED

#### DESCRIPTION

The app shows a white screen when I click Save in Settings

#### ENVIRONMENT

OS: Windows 11

Browser: Chrome 119.0

#### STACK TRACE

Error: Cannot read property 'save' of undefined at SettingsPage.jsx:45

#### AI ANALYSIS

**Category:** crash

#### Solution:

Add null checks: `if (data && data.property)` before accessing. Use optional chaining: `data?.property`. Add error boundaries: wrap components with try-catch. Verify form data is properly validated before saving.

## 10. App crashes when clicking "Save" on the Settings page

### ANALYZED

#### DESCRIPTION

When I open the Settings page and click the Save button after updating my display name, the entire app crashes and I see a blank white screen. This happens every time I try to save new profile information. I tried reloading the page and re-opening the app, but the error occurs consistently. Steps to reproduce:1. Log in as any user.2. Go to Settings Profile.3. Change the Display Name field.4. Click the Save button.5. Observe the app crash / white screen. Expected: the profile should save and a success toast should appear. Actual: the app crashes and the page goes white.

#### ENVIRONMENT

OS: Windows

Browser: Chrome 119.0.6045.140

#### STACK TRACE

```
TypeError: Cannot read property 'value' of undefined
at SaveButton.handleClick (src/components/Settings/SaveButton.jsx:45:27)
at HTMLUnknownElement.callCallback (node_modules/react-dom/cjs/react-dom.developme...
at Object.invokeGuardedCallbackDev (node_modules/react-dom/cjs/react-dom.developme...
at invokeGuardedCallback (node_modules/react-dom/cjs/react-dom.development.js:496:31)
at commitRootImpl (node_modules/react-dom/cjs/react-dom.development.js:22365:11)
at unstable_runWithPriority (node_modules/scheduler/cjs/scheduler.development.js:6...
at runWithPriority$1 (node_modules/react-dom/cjs/react-dom.development.js:11039:10)
```

#### AI ANALYSIS

**Category:** crash

**Solution:**

Add null checks: `if (data && data.property)` before accessing. Use optional chaining: `data?.property`. Add error boundaries: wrap components with try-catch. Verify form data is properly validated before saving.

## 11. Test Bug

### ANALYZED

#### DESCRIPTION

This is a test bug

#### ENVIRONMENT

OS: macOS

Browser: Chrome

#### STACK TRACE

Error at line 10

#### AI ANALYSIS

**Category: unknown**

**Solution:**

Please review the error logs and stack trace for more details