

# various-fixes: Dynamic Profile Route Implementation



## Feature Overview

Implemented public-facing dynamic profile routes ( `/profile/@username` ) ensuring users can share and access deep-linked profiles directly.

## ⚡ Key Changes

### 1. Robust URL Handling ( `src/lib/api/profile.api.ts` )

- **Issue:** URLs copied from browsers/search engines often double-encode characters (e.g., `%40` instead of `@` ), causing 404s.
- **Fix:** Added explicit `decodeURIComponent` logic to normalize inputs before API requests.
- **Endpoint:** Verified and aligned with backend `GET /api/v1/update/profile/@:username` .

### 2. UI Enhancements

- **Copy Profile Link:** Added a button to user cards ( `ProfileCard.jsx` ) to copy the direct profile URL with specific toast notifications.
- **Page Layout:** Fixed spacing issues ( `pb-32` instead of `mb-12` ) on the profile page for better mobile scrolling.
- **Feedback:** Added clear “Profile Link Copied” toast confirmation.

### 3. Verification & Testing

- **Unit Tests:** Added `profile.api.test.ts` to cover:
  - Standard username access.
  - URL-encoded inputs (e.g., `%40user` ).
  - Error handling (404/500).
- **Manual Probe:** Validated exact backend endpoint requirements using a custom probe script.

## Status

- Feature is **Live** and **Verified** on localhost.
- All tests passing.