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# *TinyFlix Bug Report*

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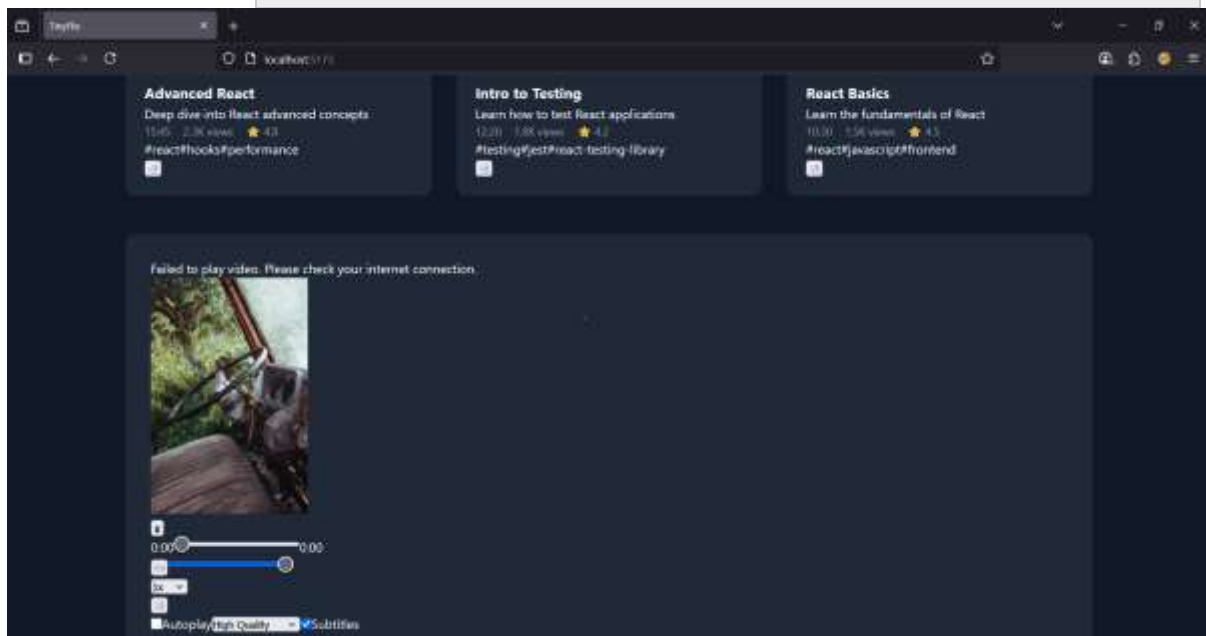
*BY*

*HAINUN ZARIYA*

<i>Bug #</i>	<i>Title</i>	<i>Severity</i>	<i>Summary</i>
1	Video fails to load	High	Videos don't play; error shows repeatedly even after refresh.
2	Bookmark feature doesn't function correctly	Medium	Bookmark icon doesn't respond or doesn't work without video playing.
3	Blurry thumbnails after refresh	Low	After refreshing, thumbnails appear blurred or low-res.
4	All thumbnails are the same	Medium	Every video shows the same thumbnail, causing confusion.
5	Login/Signup buttons don't work	High	Clicking Sign In/Up doesn't change or redirect the page.
6	No 404 page for invalid URLs	Medium	Visiting broken URL doesn't show "Page Not Found", only blank or same page.
7	Comments section accepts spam and invalid input	Medium	User can post empty, garbage, or extremely long comments with no error.
8	Video controls don't respond when video fails	Medium	Play, volume, timeline, and speed buttons do nothing when video fails.
9	Bookmark saves at 0:00 even when video hasn't played	Medium	Bookmark saved with inaccurate timestamp and no edit/delete feedback.
10	No comment length or character validation	Medium	Long/spammy inputs with symbols are allowed with no limit or feedback.

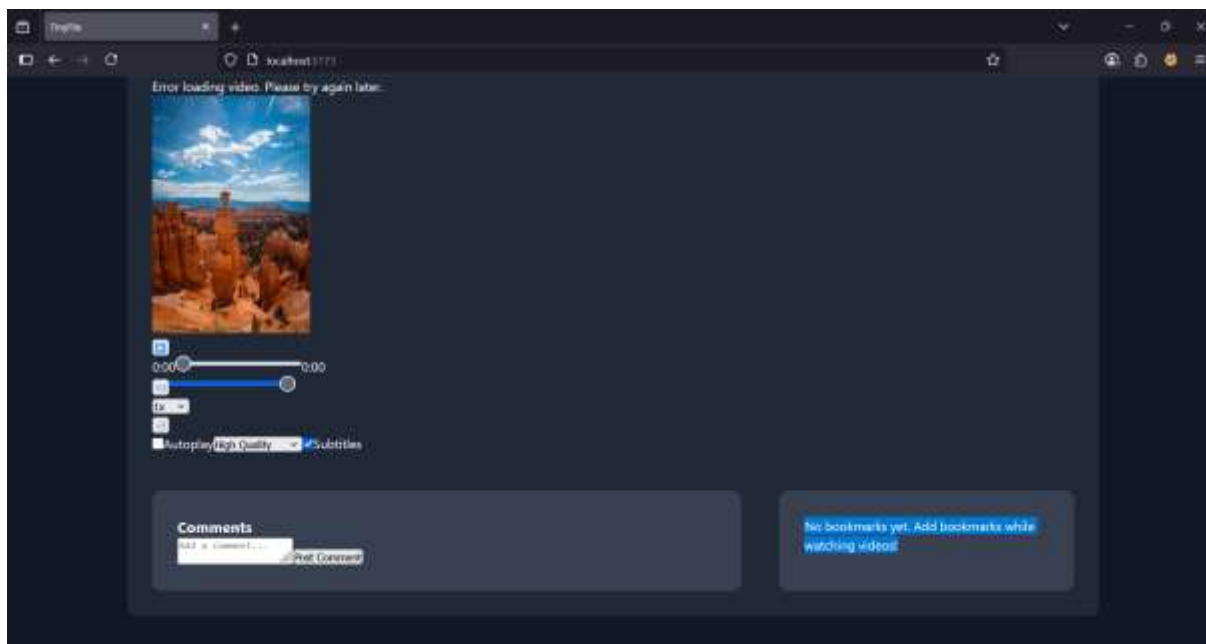
## Bug #1 - Video Playback Fails on Load

Field	Description
Title	Video fails to load and keeps showing "Error loading video"
Severity	Critical (core feature is broken)
Steps to Reproduce	1. Open the app at http://localhost:5173/ 2. Wait for homepage to load 3. Click on any video 4. Click the Play button
Expected Behavior	Video should start playing immediately or after minimal buffering
Actual Behavior	App shows "Error loading video, please try again later" continuously for several minutes and doesn't play
Screenshot	It illustrates the default issues in video fail loading
Suggested Fix	Check video source path, network fetch, and video player configuration. Video source might be missing or backend not connected.



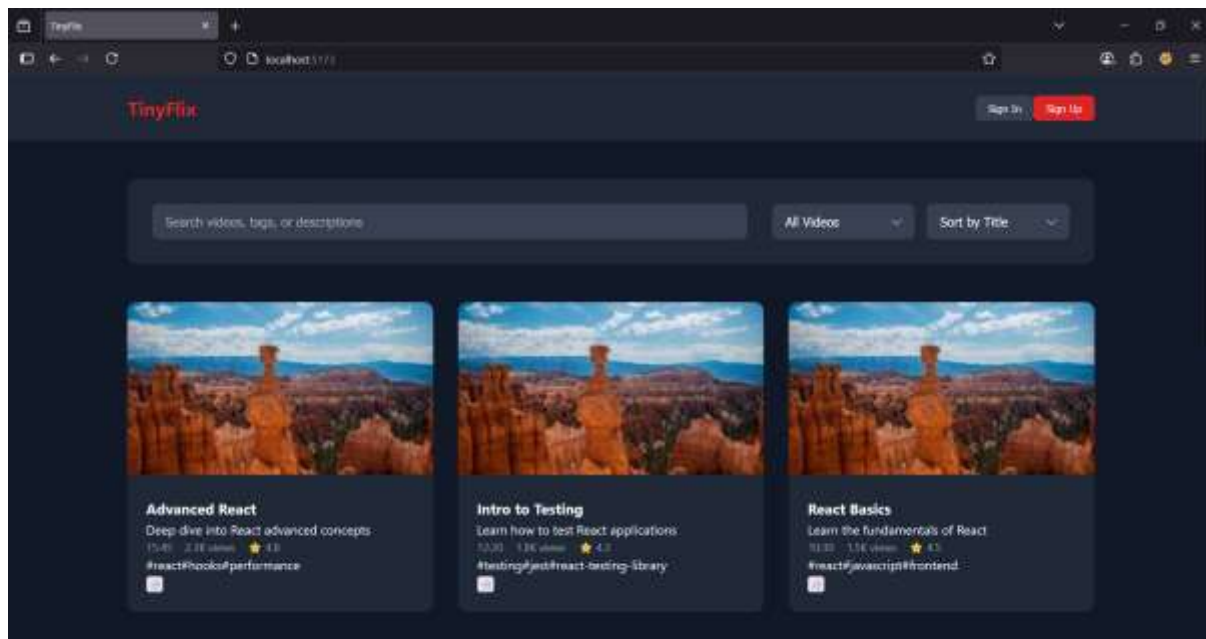
## Bug #2 - Bookmark Feature Not Working / Not Available

Field	Description
Title	Bookmark button missing or unusable
Severity	High (Feature is shown but can't be used)
Steps to Reproduce	1. Go to http://localhost:5173/ 2. Click on any video 3. Try to find or use bookmark feature
Expected Behavior	You should see a bookmark icon or a button to save current video as a bookmark
Actual Behavior	App says "No bookmarks yet. Add bookmarks while watching videos!" but there is no visible way to add a bookmark
Screenshot	It illustrates the issues in bookmark features
Suggested Fix	Ensure that the bookmark button is implemented on video player view. Link it with local or API state to store bookmarks.



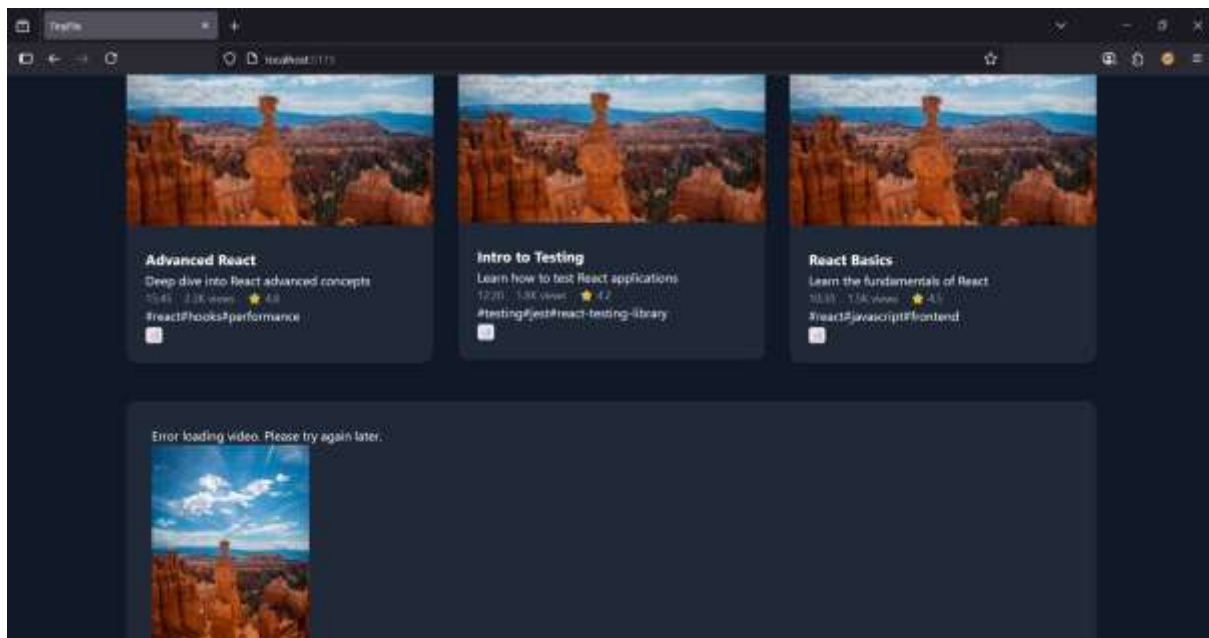
## Bug #3 - Blurry Video Thumbnails After Refresh

Field	Description
Title	Video thumbnails appear blurry or low-resolution after refreshing page
Severity	Medium
Steps to Reproduce	1. Open app 2. Refresh the browser window (F5) 3. Look at the video thumbnail images
Expected Behavior	Thumbnails should load in proper resolution
Actual Behavior	Thumbnails appear pixelated, unclear, and unresponsive for a few seconds
Screenshot	It illustrates the issues of blurred sucked videos
Suggested Fix	Optimize image loading and add fallback resolution handling. Use lazy loading or placeholders with progressive loading.



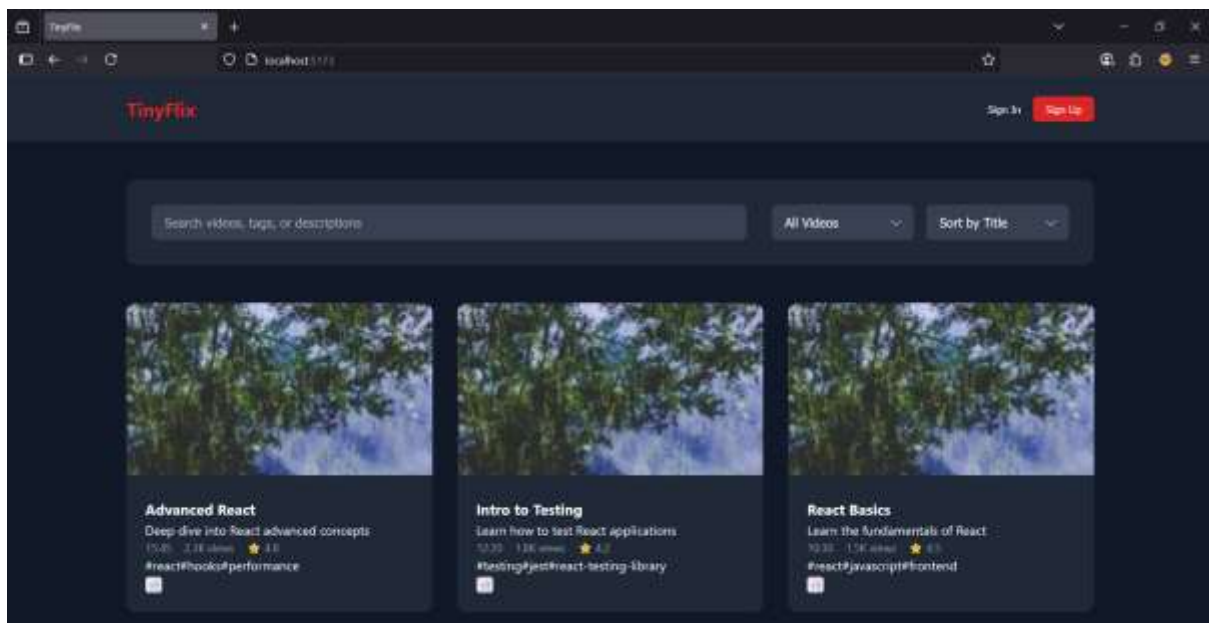
## Bug #4 - All Thumbnails Are the Same Image

Field	Description
Title	All video thumbnails use the same image
Severity	Medium
Steps to Reproduce	1. Open the app at <a href="http://localhost:5173/">http://localhost:5173/</a> 2. Look at the thumbnails for all listed videos on the homepage
Expected Behavior	Each video should have a different thumbnail representing its unique content
Actual Behavior	All videos (Advanced React, Intro to Testing, React Basics) show the same image as a thumbnail
Screenshot	It illustrates the issues in thumbnail
Suggested Fix	Use unique thumbnail images for each video entry; verify dynamic image loading per video ID or URL



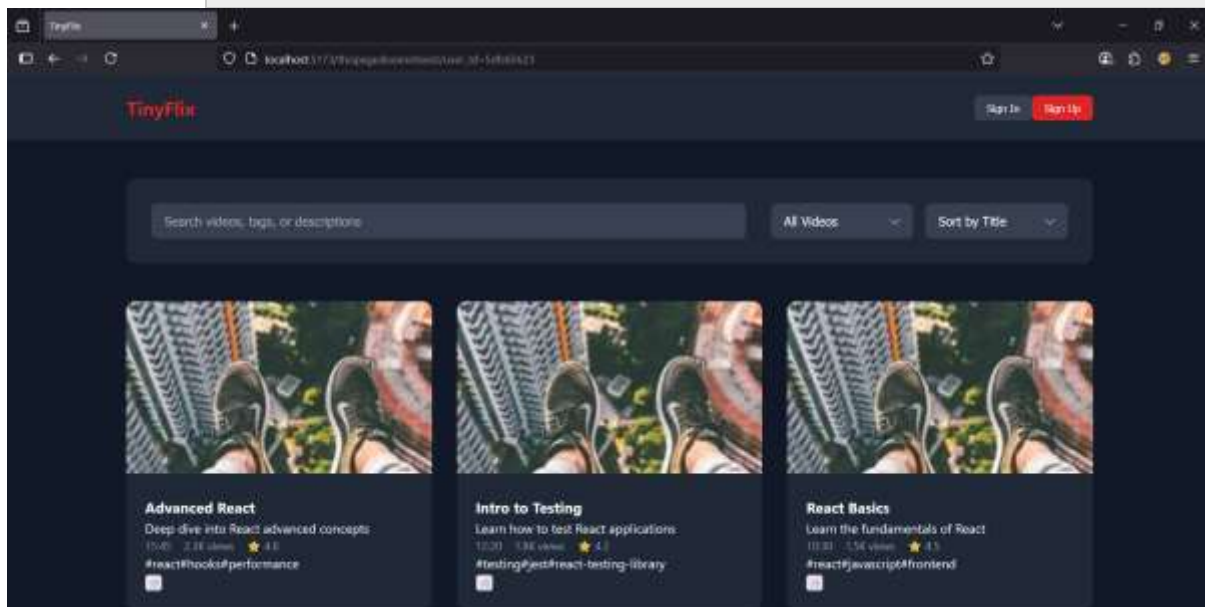
## Bug #5 - Sign In / Sign Up Buttons Do Nothing

Field	Description
Title	Login and Signup buttons do not navigate or open any form
Severity	Critical
Steps to Reproduce	1. Open http://localhost:5173/ 2. Click on the Sign In or Sign Up button (usually top right) 3. Observe page behavior
Expected Behavior	Clicking Sign In or Sign Up should open the respective form or redirect to a new page
Actual Behavior	Nothing happens – no redirect, no form popup, and no console error shown
Screenshot	It illustrates the Sign In button clicked and the screen not changing
Suggested Fix	Connect button to routing logic or form component. Add route handlers for login/signup and proper click event functions.



## Bug #6 - No 404 Page Displayed on Invalid URL

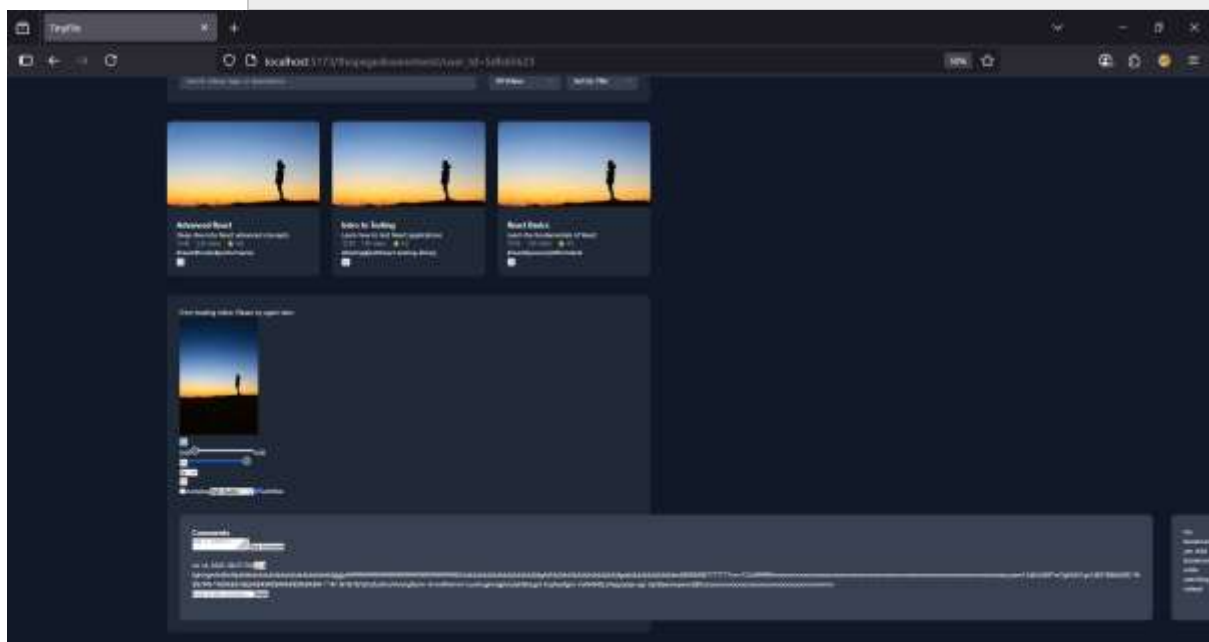
Field	Description
Title	Missing 404 Error Page for Invalid URLs
Severity	Medium
Steps to Reproduce	1. Open browser 2. Go to <code>http://localhost:5173/thispagedoesnotexist/user_Id=5dfs65623</code> 3. Observe the response
Expected Behavior	App should display a 404 page or message like "Page Not Found"
Actual Behavior	App loads as if it's a valid page – no error message is shown
Screenshot	the page after entering the invalid URL
Suggested Fix	Add a fallback route using React Router <code>&lt;Route path="*"&gt;</code> to show a 404 component





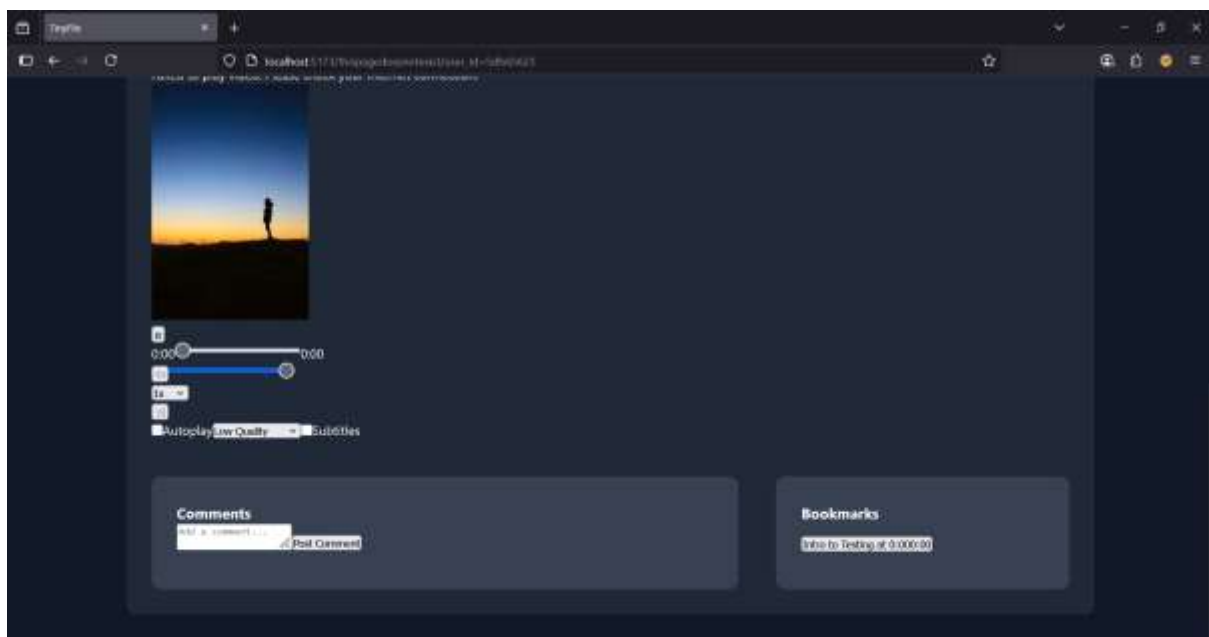
## Bug #7 - Comments Section Allows Extremely Long or Spammy Input Without Validation

Field	Description
<i>Title</i>	Comment box accepts excessively long, spammy, or garbage input without restriction
<i>Severity</i>	Medium
<i>Steps to Reproduce</i>	<ol style="list-style-type: none"> <li>1. Open any video on TinyFlix</li> <li>2. Paste or type a long block of random characters and symbols</li> <li>3. Click Post Comment</li> </ol>
<i>Expected Behavior</i>	App should restrict input to a reasonable length (e.g., max 300-500 characters), sanitize special characters, and show a validation error
<i>Actual Behavior</i>	App accepts very long, meaningless, and special character-heavy text with no restriction or error
<i>Screenshot</i>	It showing the command box issues
<i>Suggested Fix</i>	Add frontend validation (length, allowed characters), and backend input sanitization to prevent spam and abuse. Implement rate limiting or comment cooldowns to prevent spam bots.



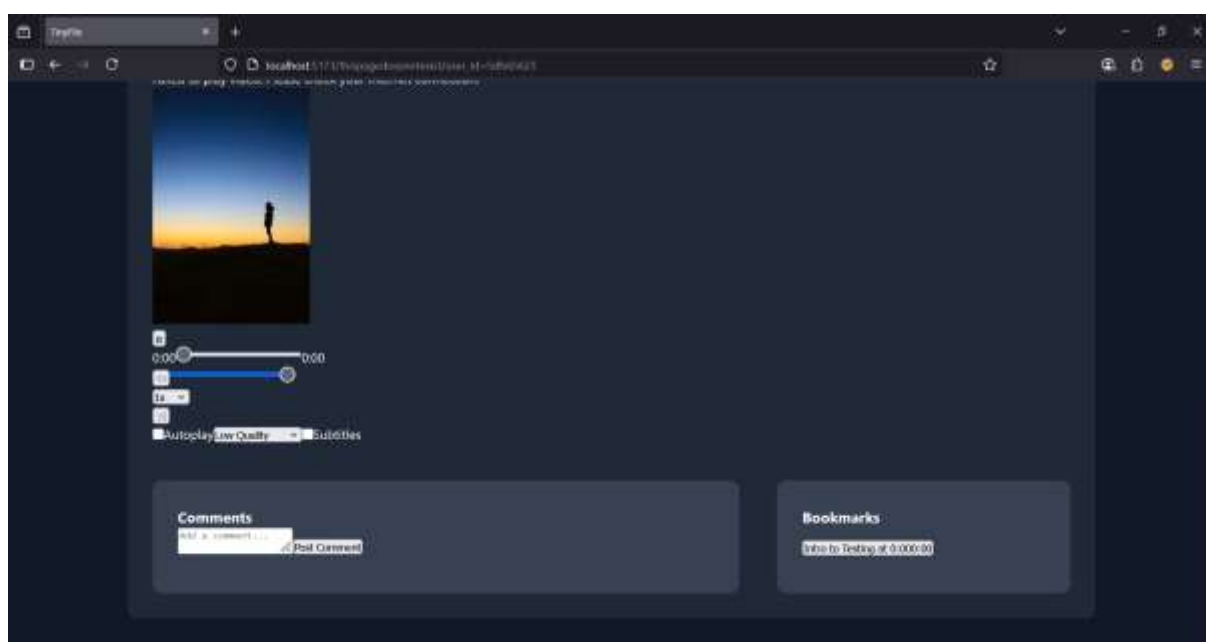
## Bug #8 - Video Player Controls Don't Work (When Video Fails)

Field	Description
Title	All video control buttons are visible but non-functional when the video fails to load
Severity	Medium
Steps to Reproduce	<ol style="list-style-type: none"><li>1. Open any video (e.g., "React Basics")</li><li>2. Observe the error message: "Error loading video. Please try again later."</li><li>3. Try interacting with:<ul style="list-style-type: none"><li>• Play button</li><li>• Volume slider</li><li>• Timeline scrubber</li><li>• Playback speed dropdown</li></ul></li></ol>
Expected Behavior	Controls should be disabled or hidden when the video fails to load
Actual Behavior	Controls are visible but don't respond, resulting in a broken and confusing user experience
Screenshot	Shows video player controller have issues
Suggested Fix	<p>Add proper error-state handling for the video player:</p> <ul style="list-style-type: none"><li>• Disable/hide controls when the media element fails</li><li>• Display clear user feedback</li></ul>



## Bug #9 - Bookmark Feature Works But Records Incorrect Timestamp

Field	Description
<i>Title</i>	Bookmark feature accepts and stores invalid timestamps when video is not playing
<i>Severity</i>	Medium
<i>Steps to Reproduce</i>	<ol style="list-style-type: none"> <li>1. Open any video that shows an error like "Error loading video"</li> <li>2. Click the bookmark icon under the player</li> <li>3. Check the "Bookmarks" panel</li> </ol>
<i>Expected Behavior</i>	Bookmark should only be created when video is actively playing and should reflect the correct video timestamp
<i>Actual Behavior</i>	Bookmark gets created at 0:00:00 even though the video hasn't started or loaded. No feedback, no edit/delete option.
<i>Screenshot</i>	Bookmark wrong timestamp issues
<i>Suggested Fix</i>	<ul style="list-style-type: none"> <li>• Disable bookmark icon unless video is loaded and playing</li> <li>• Capture accurate current timestamp</li> <li>• Provide visual feedback and ability to delete/edit</li> </ul>



## Bug #10 - Comment Box Accepts Arbitrary Long Input Without Validation

Field	Description
Title	Comment box accepts unlimited characters and symbols without validation
Severity	Low / Medium
Steps to Reproduce	<ol style="list-style-type: none"> <li>1. Go to any video</li> <li>2. Type a large spammy or random string with special characters into the comment field</li> <li>3. Click "Post Comment"</li> </ol>
Expected Behavior	Should limit comment input (e.g., 300 characters max) and sanitize special characters to prevent UI breakage or injection risks
Actual Behavior	Application accepts and displays massive unformatted content, which clutters UI and may be dangerous (XSS potential)
Screenshot	Comment spam unvalidated
Suggested Fix	Add max character limit, filter out special characters, and implement input validation & sanitization

