

Test ID	Test description	Prerequisites	Test steps	Expected results	Actual results	Pass/Fail status
TC001	Verify Sign In button functionality	User is on the homepage	Click the "Sign In" button	User should be redirected to the sign-in form	No action triggered (button inactive)	Fail
TC002	Verify Sign Up button functionality	User is on the homepage	Click the "Sign Up" button	User should be redirected to the sign-up form	Button not responding	Fail
TC003	Validate video playback functionality	Internet connection is stable	1.Click on any video thumbnail 2.Click o the video	Video should start playing without error	Error message – “Error loading video”	Fail
TC004	Validate error message when internet is unavailable	Disconnect from the internet	Click on any video	Show “Check your internet connection” message	Message shown even when internet is available	Fail
TC005	Validate volume control slider	Video is playing	1.Click volume icon 2.Try adjusting the slider	Volume level should change accordingly	Slider unresponsive, must manually adjust	Fail
TC006	Validate post comment UI and submission	User is signed in	1.Scroll to comment section 2.Enter text and click post	Comment is posted and UI looks aligned	Comment posted but UI is misaligned	Fail
TC007	Validate comment like functionality	User is signed in and comment is posted	1.Reply to an existing comment 2.Click on the like button	Like count should increment	Like button does not respond	Fail
TC008	Validate bookmark addition and reflection	User is signed in	1.Play a video 2.Click on the bookmark icon	Video is added to bookmarks with proper metadata	Displays Advanced React NaN:NaN	Fail
TC009	Validate filtering/sorting by date	Video list loaded	Click on “Sort by Date” option	Videos should sort chronologically and show date	No date visible in video card	Fail
TC010	Validate bookmark switch between videos	At least 2 videos bookmarked	1.Select and play a video 2.Add bookmark or comment 3.Play another video	Comments and bookmarks should reset	Previous video’s state persists	Fail
TC011	Validate search functionality using video name, tags, and description	1.User is on the homepage 2.Search bar is visible 3.Video list is populated with titles, tags, and descriptions	1.Enter a video name in the search bar and press Enter 2.Enter a keyword from the video description and press Enter 3.Enter a tag (e.g., #testing, #react) and press Enter	1.Videos matching the name, description, or tag should be filtered and displayed 2.All three types of search inputs should yield accurate results	1.Search by name: Works correctly 2.Search by description: Works correctly 3.Search by tag: Does not return relevant results	Fail (partial failure due to tag search)