### **User Acceptance Testing (UAT)**

**Date**: April 14, 2025

**Team ID**: SWTID1742745633

**Project Name**: ViewVoyage

**Maximum Marks**:

### **Project Overview**

**Project Name**: **ViewVoyage**

**Project Description**: ViewVoyage is a streamlined video-sharing platform that allows users to upload, watch, like, share, and save videos with ease. Designed with simplicity and user experience in mind, it features secure login, personalized "Your List," and a "Liked Videos" section for quick access. Users can interact with videos through comments, shareable links, and even download content. The platform offers a clean, distraction-free space focused solely on meaningful video engagement.

**Project Version**: 1.0.0

**Testing Period**: April 11, 2025 to April 14, 2025

**Testing Scope**:

* List of Features and Functionalities to be Tested (Frontend):
* User registration and login forms (input validation, error messages)
* Search functionality with keyword accuracy
* Video player functionality (play, pause, volume, fullscreen)
* Like, comment, share, and download buttons
* Adding videos to “Your List” and verifying persistence
* Video detail page (displays title, description, interaction buttons)
* Responsive layout across different screen sizes
* Navigation and route protection for authenticated views
* List of Features and Functionalities to be Tested (Backend):
* User authentication and session/token validation
* API endpoints for video upload, fetch, and filtering
* Like, comment, and list APIs (CRUD operations)
* Error handling and response formatting
* Database interactions (storing user activity, comments, likes)
* Access control for protected routes
* Upload/download file handling logic
* Performance and response time under load

**Testing Environment**

URL/Location:http://localhost:5173

**Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Navigate to signup page2. Enter name, email, password3. Click "Sign Up" | User is registered successfully and redirected to login page | User registered and redirected | Pass |
| TC-002 | User Login with Invalid Details | 1. Go to login page2. Enter invalid email/password3. Click "Login" | Error message: “Invalid credentials” | Error message displayed | Pass |
| TC-003 | Video Upload | 1. Login as user2. Navigate to upload page3. Upload a video file and enter details4. Submit | Video appears on homepage with correct details | Video uploaded and listed correctly | Pass |
| TC-004 | Search for Video | 1. Go to search bar2. Enter video title or keyword3. Click search | Videos matching search query are displayed | Correct results shown | Pass |
| TC-005 | Like a Video | 1. Login and open any video2. Click "Like" | Like count increases and button shows as "Liked" | Like registered, count updated | Pass |
| TC-006 | Add Video to “Your List” | 1. Open a video2. Click “Add to Your List” | Video is added to user’s saved list | Video appears in “Your List” section | Pass |
| TC-007 | Download Video | 1. Click on a video2. Click "Download" | Video starts downloading | Video downloaded successfully | Pass |
| TC-008 | Post a Comment | 1. Open video page2. Type a comment and submit | Comment appears under video | Comment displayed immediately | Pass |
| TC-009 | Video Detail View | 1. Click on any video card | Page shows video, title, description, like/share/comment/download buttons | All details and actions visible | Pass |
| TC-010 | Route Protection for Unauthorized Users | 1. Try accessing “Your List” or “Liked Videos” page without logging in | Redirected to login page | Route protected and redirected correctly | Pass |

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### **Bug Tracking**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Theme dropdown misaligned | 1. Open homepage2. Click theme dropdown3. Observe misalignment with icons | Low | Closed | Dropdown overlapped icons; resolved by adding margin and padding |
| BG-002 | Homepage sparkle effect lags on low-end devices | 1. Load homepage on low-end device2. Move cursor to trigger sparkles3. Observe animation lag | Medium | In Progress | Animation causes visible frame drops on budget devices |
| BG-003 | Admin user deletion fails intermittently | 1. Go to admin/users panel2. Rapidly delete multiple users3. Cross-check backend database | High | Open | Toast shows “User deleted” but data not removed from database |
| BG-004 | Saved video not showing in “Your List” | 1. Login2. Add video to “Your List”3. Go to saved list page | Medium | Closed | Caused by incorrect user ID fetch; resolved with useEffect cleanup |
| BG-005 | Comments section not auto-scrolling | 1. Go to a video with many comments2. Post a new comment3. Try to see if it appears at the bottom | Low | Open | Comments render, but view doesn’t scroll down automatically |
| BG-006 | Search results not updating on fast input | 1. Type a query quickly in search bar2. Press enter or wait for auto results3. Observe result area | Medium | In Progress | Debouncing not implemented; leads to missed or delayed updates |

### **Sign-off**

**Tester Name**: Shashidhar Kittur

**Date**: April 14, 2025

**Signature**:

