**YOUTUBE VIDEO PLAYER TESTCASE**

**Student:**

Tran Duy Thai – 21522582

Tran Quang Tien - 21522673

**Class:** SE113.N21.CNCL(JP)

1. Play a video

|  |  |
| --- | --- |
| Test case name | Suggest & Play Video -1 |
| Pre-condition | User “Nguyen Quang Minh” logs in |
| Post-condition | The system plays the video and display it to user “Nguyen Quang Minh” |
| Testing flow | 1. User “Nguyen Quang Minh” signs in  2. The system will recommend videos for user base on “Nguyen Quang Minh” watching history  3. User “Nguyen Quang Minh” choose a video  4. The system redirects to that video URL and plays that video |

|  |  |
| --- | --- |
| Test case name | Suggest & Play Video – 2 |
| Pre-condition | User not signed in |
| Post-condition | The system plays the video and display it to user |
| Testing flow | 1. The system will suggest top trending video for user because it doesn’t know user watching history  2. User doesn’t like those videos, and he search video with keywords  3. The system will suggest video list base on that keyword  4. User selects one of videos in that list  3. The system redirects to that video URL and plays that video |

2. Sign In

|  |  |
| --- | --- |
| Use case name | Sign In - 1 |
| Pre-condition | User does not have an account of the site. |
| Post-condition | User registers an account successfully as “Nguyen Quang Minh” and is taken back to the homepage to login to the account |
| Testing flow | 1. User clicks sign in; the system displays the sign in page.  2. User enters his mail and password  3. The system doesn’t know this user as this account haven’t been signed up, then show error “this account does not exist” and highlight “sign up” button  4. User enter sign up button and doing sign up  5. After signing up successfully, system will redirect user back to sign in page  6. Now user enter his mail and password again and correctly sign in as “Nguyen Quang Minh”  7. User is redirected back to home page |

|  |  |
| --- | --- |
| Use case name | Sign In – 2 |
| Pre-condition | User “Nguyen Quang Minh” has an account of the site.  User logs in with unknown & unusual device |
| Post-condition | User “Nguyen Quang Minh” sign in successfully and is taken back to home page |
| Testing flow | 1. User clicks sign in button and the system led to sign in page  2. User enters his email and password correctly  3. The system realize his account exists, but not in his usual device, so it will send a code to user email to verify  4. User will open email and check the code, then come back to log in page and enter that code  5. Now the user already logged in as “Nguyen Quang Minh” and is redirected back to home page |

3. Sign Up`

|  |  |
| --- | --- |
| Use case name | Sign Up - 1 |
| Pre-condition | User “Nguyen Quang Minh” already has an account  User “Nguyen Quang Minh haven’t signed in yet |
| Post-condition | System show error and highlight sign in button |
| Testing flow | 1. User "Nguyen Quang Minh" clicks register; the system displays the registration page.  2. User "Nguyen Quang Minh" enters name, phone number, email, password  3. The system realize this account already exists; it will send an error to user “this account already exists”, also suggest if user want to sign in |

|  |  |
| --- | --- |
| Use case name | Sign Up - 2 |
| Pre-condition | User doesn’t have account |
| Post-condition | User signs up account successfully |
| Testing flow | 1. User clicks register; the system displays the registration page.  2. User enters name, phone number, email, password  3. The system saw that this account has not yet existed, and send a code to user sign up email  4. User get code in his mail, and enter it  5. The system verified and create account with provided information, also show notification “Create account successfully” and redirect to sign in page |

3. Forget Password

|  |  |
| --- | --- |
| Use case name | Forget Password |
| Pre-condition | User “Nguyen Quang Minh” wants to retrieve login password. |
| Post-condition | User “Nguyen Quang Minh” retrieved his password and was taken back to the homepage to log in to his account |
| Testing flow | 1. User “Nguyen Quang Minh” clicks forgot password; the system displays forgot password page.  2. User “Nguyen Quang Minh” enters the email for the system to send a confirmation code.  3. The system will check if an account with that email is in the database. Then it sends the OTP code to the mail provided by the user "Nguyen Quang Minh".  4. User "Nguyen Quang Minh" enters the confirmation code, selects confirm.  5. After entering correct code, the system lets user “Nguyen Quang Minh" enters a new password and verifies the new password.  6. After verifying successfully, the system updates new password for “Nguyen Quang Minh” account and return user to the login page |

4. Sign Out

|  |  |
| --- | --- |
| Use case name | Sign Out |
| Pre-condition | User “Nguyen Quang Minh” already logged in |
| Post-condition | User “Nguyen Quang Minh” logged out successfully. |
| Testing flow | 1. User “Nguyen Quang Minh” accesses the user's button.  2. User “Nguyen Quang Minh” selects Sign Out in dropdown list of that user button.  3. The system displays a confirmation pop-up, the user “Nguyen Quang Minh” selects "Yes".  4. Information confirmation system.  5. The system takes the user "Nguyen Quang Minh" to the login homepage. |

5. Search

|  |  |
| --- | --- |
| Use case name | Search – 1 |
| Pre-condition | User “Nguyen Quang Minh” logged in  System database has the videos user want to find |
| Post-condition | User “Nguyen Quang Minh” get the videos he wants to find |
| Testing flow | 1. User “Nguyen Quang Minh” enter keywords related to music song he wants to find  2. After confirmation, user can click “search” or press enter to send to system server  3. The system switches to the search interface and export a video list related to the song keyword  4. User “Nguyen Quang Minh” now can choose videos from the list and repeat 3 first steps to get the video he wants easier  6. User “Nguyen Quang Minh” found the video he wants |

|  |  |
| --- | --- |
| Use case name | Search – 2 |
| Pre-condition | User “Nguyen Quang Minh” is logged in  System database doesn’t have the video user want to find |
| Post-condition | User “Nguyen Quang Minh” search for food fail |
| Testing flow | 1. User “Nguyen Quang Minh” enter keywords related to music song he wants to find  2. After confirmation, user can click “search” or press enter to send to system server  3. The system switches to the search interface but show “no matched result” or other unrelated-keyword videos  4. User “Nguyen Quang Minh” can’t get the video he wants to find |

6. Upload video

|  |  |
| --- | --- |
| Use case name | Upload video |
| Pre-condition | User “Nguyen Quang Minh” is logged in |
| Post-condition | User “Nguyen Quang Minh” upload video successfully |
| Testing flow | 1. User “Nguyen Quang Minh” click the upload video button  2. System will require user to choose a video to upload  3. User “Nguyen Quang Minh” open File Explorer to choose a video file he wants to upload, then confirm  4. The system will now need time to upload video, user at this time can enter video title, video description… and confirm all input information  5. System redirects to the uploaded video list page with a progress loading bar. After finish, the progress bar reaches 100% and disappears. This mean user “Nguyen Quang Minh” uploads video successfully |