

**COMSATS UNIVERSITY ISLAMABAD, ABBOTTABAD**

**Course: Software Testing**

**Theory assignment**

Test cases of interactive learning module

***Submitted by:***

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Interactive Learning Module:

Its only limited to the Interactive Video part, with how the teacher enables, adds video, diary and How the student is able to interact

# Test Cases Related to Student

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| **Test Case ID** | **Description** | **Preconditions** | **Steps** | **Expected Result** | **Actual result** | **Verdict** |
| TC-1 | View Interactive Video | The student is logged in | 1. Navigate to the video section  2. Select a video to watch. | The video plays correctly with all interactive elements visible. | The video plays correctly with all interactive elements visible. | Pass |
| TC-2 | Add video | The student is logged in | 1. Navigate to the video section  2. Select “add video” button | The student will not be able to add the video. | The student has no access to adding a video | Pass |
| TC-2 | Respond to Interactive Questions | The student is logged in | 1. Watch an interactive video.  2. Respond to the questions. | Responses are saved and acknowledged. | Responses are saved and acknowledged. | Pass |
| |  | | --- | | TC-3 | | |  | | --- | | View Suggested Videos | | |  | | --- | | A student is logged in | | 1. Navigate to the suggested videos section.  2. Select a suggested video to watch. | The suggested video plays correctly with all interactive elements visible. | The suggested video plays correctly with all interactive elements visible | Pass |
| TC-4 | Track Progress on Interactive Video | Student is logged in | 1. Navigate to the progress section.  2. View progress on interactive videos. | The progress is displayed accurately, showing completed and pending tasks. | The progress is displayed accurately,  Showing completed and pending tasks. | Pass |
| TC-5 | Replay Interactive Video | Student is logged in | 1. Navigate to a previously watched video.  2. Replay the video. | The video replays correctly with all interactive elements functioning. | The video replayed correctly with all interactive elements functioning. | Pass |

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# Test Cases related to teacher

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| **Test Case ID** | **Description** | **Preconditions** | **Steps** | **Expected Result** | **Actual result** | **Verdict** |
| TC-5 | Enable Interactive Video Module | Teacher is logged in | 1. Navigate to module settings.  2. Click on "Enable Interactive Video." | The module is enabled, and a confirmation message is displayed. |  |  |
| TC-6 | Add New Video | Teacher is logged in | 1. Navigate to the video section.  2. Click on "Add Video."  3. Upload a video file. | The video is added successfully, and a confirmation message is displayed. |  |  |
| TC-7 | Add Video Title and Description | Teacher is logged in | 1. Add a new video.  2. Enter a title and description.  3. Save changes. | The title and description are saved and displayed correctly. |  |  |
| TC-8 | Add Interactive Questions to Video | Teacher is logged in | 1. Add or edit a video.  2. Insert interactive questions at specific timestamps. | Interactive questions are added and saved successfully. |  |  |
| TC-9 | View Student Responses to Interactive Questions | Teacher is logged in | 1. Navigate to the video analytics section.  2. View student responses. | Teacher can view all student responses to interactive questions. |  |  |