**COMSATS University Islamabad,   
Abbottabad Campus**

**TEST CASES**

**for**

**SELF ASSESMENT**

***By***

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| **Test ID** | **Description** | **Preconditions** | **Steps** | **Expected Result** |
| TC\_001 | Verify Exam Details Display | User is logged in and on the Exams page. | 1. Navigate to the Exams page.  2. Verify the display of exam details: title, duration, examiner, course, start time. | All exam details are displayed correctly. |
| TC\_002 | Verify Exam Schedule | User is logged in and on the Exam Summary page. | 1. Navigate to the Exam Summary page.  2. Verify the display of start time, end time, and duration. | Exam schedule details are displayed correctly. |
| TC\_003 | Verify Question Types and Marks Distribution | User is logged in and on the Exam Summary page. | 1. Navigate to the Exam Summary page.  2. Verify the display of number of MCQs, true/false questions, marks per question, total marks. | Question types and marks distribution are displayed correctly. |
| TC\_004 | Verify Exam Settings | User is logged in and on the Exam Summary page. | 1. Navigate to the Exam Summary page.  2. Verify the display of negative marks setting, question time-bound, exam time-bound, skip questions, results visibility. | Exam settings are displayed correctly. |
| TC\_005 | Verify Exam Results Visibility Toggle | User is logged in and on the Exam Summary page. | 1. Navigate to the Exam Summary page.  2. Toggle the exam results visibility between public and private. | Exam results visibility toggles correctly between public and private. |
| TC\_007 | Verify Exam Summary Navigation | User is logged in and on the Exams page. | 1. Click on the title of an exam.  2. Verify navigation to the Exam Summary page for the selected exam. | User is navigated to the Exam Summary page for the selected exam. |
| TC\_008 | Verify Question Navigation Functionality | User is logged in and on the Exam Summary page. | 1. Start the exam.  2. Navigate to specific questions using the navigation panel.  3. Answer questions. | User can navigate between questions and answer them without issues. |
| TC\_009 | Verify Answer Submission | User is logged in and on the Exam Summary page. | 1. Start the exam.  2. Answer all required questions.  3. Click the "Submit" button. | Answers are successfully submitted and exam is marked as completed. |
| TC\_010 | Verify Time Bound Functionality | User is logged in and on the Exam Summary page. | 1. Start the exam with a time limit.  2. Let the exam timer reach the limit.  3. Attempt to continue after time limit. | Exam enforces time limits correctly, preventing actions after time expires. |
| TC\_011 | Verify Negative Marking for Incorrect Answers | User is logged in and on the Exam Summary page with negative marking enabled. | 1. Start the exam with negative marking.  2. Answer a question incorrectly.  3. Verify marks deducted. | Incorrect answers result in marks deducted according to the negative marking policy. |
| TC\_012 | Verify Exam Review Functionality | User has completed an exam and is logged in. | 1. Navigate to the Completed Exams section.  2. Click on a completed exam to view details.  3. Review questions and answers. | User can review all aspects of the completed exam accurately. |
| TC\_013 | Verify Retry Exam Functionality | User has completed an exam and is logged in. | 1. Navigate to the Completed Exams section.  2. Click on a completed exam that allows retrying.  3. Start the exam again. | User can retry the exam and start fresh with previous attempts cleared. |
| TC\_014 | Verify Exam Accessibility Across Devices | User is logged in and has access to the exam. | 1. Access the exam using a desktop/laptop computer.  2. Access the exam using a tablet or iPad.  3. Access the exam using a mobile phone. | Exam interface is responsive and functional across different devices. |
| TC\_015 | Verify Performance Under Load | User is logged in and multiple users are concurrently accessing exams. | 1. Simulate high number of concurrent users accessing exams.  2. Monitor system response times.  3. Attempt to start and complete exams. | System maintains stability and responsiveness under high concurrent user loads. |