

**SpinMaster – Intelligent Table Tennis Analysis**

Software Test Report

Submitted by

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# In partial fulfilment of the requirements for the degree of Bachelor of Science in Artificial Intelligence 2025.

**Faculty of Engineering Sciences and Technology**

Hamdard Institute of Engineering and Technology

# Software Test Plan and Test Cases

Project Name: SpinMaster

Date: July 1st, 2025

Version: 1.0

## Software Test Plan

The following table describes the test plan and schedule for each screen/module of SpinMaster.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Description** | **Test Engineer** | **Start Date** | **End Date** |
| **1** | Login Screen | Abraash | 01-Jul-2025 | 01-Jul-2025 |
| **2** | Registration Screen | Abraash | 01-Jul-2025 | 01-Jul-2025 |
| **3** | Home Screen | Mubashir | 02-Jul-2025 | 02-Jul-2025 |
| **4** | Check Training Modules | Mubashir | 02-Jul-2025 | 02-Jul-2025 |
| **5** | Load Leaderboard Page | Abraash | 03-Jul-2025 | 03-Jul-2025 |

Module Name: Login Page

Date: 01-July-2025

Test ID: LOGIN-SCREEN

Test Engineer: Abraash

Test Description: Detailed testing of this module

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Steps** | **Input Data** | **Expected Result** | **Actual**  **Result** | **Pass/Fail** |
| **1** | Open the login page | - | Login form displays correctly | Login form loaded as expected | Pass |
| **2** | Enter email and password | Valid credentials | Input fields accept data | Data entered successfully | Pass |
| **3** | Click the  Login button | - | User is redirected to dashboard | User redirected to dashboard | Pass |
| **4** | Verify dashboard | - | Welcome message | Welcome “username” displayed | Pass |

Module Name: Registration Screen

Date: 01-July-2025

Test ID: REGISTRATION-SCREEN

Test Engineer: Abraash

Test Description: Detailed testing of this module

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Steps** | **Input Data** | **Expected Result** | **Actual**  **Result** | **Pass/Fail** |
| **1** | Open the registration page | - | Registration form loads | Form loaded successfully | Pass |
| **2** | Fill in registration details | Valid name, email, password | Fields accept data | Data accepted | Pass |
| **3** | Submit the form | - | User account created | Account created successfully | Pass |
| **4** | Attempt login with new creds | New email/password | User logs in successfully | Login successful | Pass |

Module Name: Home Screen

Date: 01-July-2025

Test ID: Upload-Screen

Test Engineer: Mubashir

Test Description: Detailed testing of this module

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Steps** | **Input Data** | **Expected Result** | **Actual**  **Result** | **Pass/Fail** |
| **1** | Log in to application | Valid credentials | Homescreen loads | Homescreen loaded | Pass |
| **2** | Upload Video for Analysis | Video Uploaded | Uploading | Loading Circle | Pass |
| **3** | Press Analyze Video | - | Feedback | Feedback + Suggested Videos | Pass |

Module Name: Checking Training Page

Date: 01-July-2025

Test ID: TRAINING-PAGE

Test Engineer: Mubashir

Test Description: Detailed testing of this module

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Steps** | **Input Data** | **Expected Result** | **Actual**  **Result** | **Pass/Fail** |
| **1** | Navigate to Training Modules | - | Lots of Training Cards | Gallery of Training Modules | Pass |
| **2** | Scrolling through the cards | - | Scroll over the gallery | Easy Scrolling | Pass |
| **3** | Click on a Module | - | Video Loads | Video Hyperlinks to new tab | Pass |
| **4** | Watch another Module | - | Seamless training explanation | Seamless training explanation | Pass |

Module Name: Leaderboard

Date: 01-July-2025

Test ID: LEADERBOARD-PAGE

Test Engineer: Abraash

Test Description: Detailed testing of this Page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Steps** | **Input Data** | **Expected Result** | **Actual**  **Result** | **Pass/Fail** |
| **1** | Click on “Leaderboard” option on Navigation | - | World’s Top Ranked Players Card | Players Point Load | Pass |
| **2** | Check Player’s Point | - | Show Professional Player’s Points | Shows the points | Pass |
| **3** | Scroll and Hover over players | - | Show details of players | Shows detail with little animation | Pass |