**Test Cases of Motion2Coach Application**

This document contains a comprehensive list of all the test cases for the Motion2Coach application. These test cases cover all the key features and functionality of the application, including user registration, login, creating and editing workout plans, tracking progress, and generating reports. Each test case includes a detailed description of the test scenario, the expected results, and any necessary preconditions or inputs. By following these test cases, developers and QA teams can ensure that the Motion2Coach application works as intended and meets all of its functional requirements. These test cases are regularly reviewed and updated to reflect changes in the application and ensure ongoing quality assurance.

**Test Case ID:** TC\_ID\_001

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| **Visualization** | | | | | | | | | | | |
| ***Test Case Details*** | | | | | | | | | | | |
| **Project Manager** | | Muhammad Bilal Hussain | | **Executed by** | | | | Muhammad Ahsan | | | |
| **Date** | | dd/mm/yyyy | | **Execution Date** | | | | dd/mm/yyyy | | | |
| **Application Version** | | 1.0 | | **Execution Time** | | | |  | | | |
| **Test Case Version** | | 1.0 | | **Execution Iteration** | | | |  | | | |
| **Environment** | | Sandbox/Live | | **Release Date** | | | |  | | | |
| **Test Case Type** | | Functional | | **Test Case ID** | | | | TC\_ID\_001 | | | |
| **Test Case Description:** | | Verify that the user is able to perform full swing and visualize it | | | | | | | | | |
| **Pre-requisite(s):** | | User should have proper internet connection User should register in motion2coach  User should have Sign up first and on dashboard | | | | | | | | | |
| **Serial No.** | **Test Steps** | | **Test Data Ref** | | **System Response** | | | | **Expected Result** | **Actual Results** | **Comments** |
| 1 | User will select “Capture” button located on the dashboard | | N/A | | System displayed the capture type screen | | | | System should be redirected to capture type screen | Same expected | N/A |
| 2 | User will select “Record” button located on the capture screen | | N/A | | System displayed the record type screen | | | | System should be redirected to record type screen | Same as expected | N/A |
| 3 | User will select “Full Swing” located on the record type screen | | N/A | | System displayed the orientation screen | | | | System should be redirected to orientation screen | Same as expected | N/A |
| 4 | User will select the handedness as “Right-hand” | | N/A | | System shows handedness selected | | | | System should allow user to select the handedness | Same as expected | N/A |
| 5 | User will enter height & weight and then select “Down the Line” | | 6.2  86 | | Recording screen is displayed | | | | System should be redirected to recording screen | Same as expected | N/A |
| 6 | User will start performing swing by tab on “Record” button | | N/A | | Recording has been started | | | | System should start recording | Same as expected | N/A |
| 7 | Verify that user is on video preview screen | | N/A | | System display preview of recording | | | | System should be on a preview screen | Same as expected | N/A |
| 8 | User will select visualize button on the video preview screen | | N/A | | System redirected to the processing screen | | | | System should start processing | Same as expected | N/A |
| 9 | Verify that user is on overlay preview screen | | N/A | | System displayed overlay preview screen | | | | System should display overlay preview screen | Same as expected | N/A |
| 9 | User will swipe left to view the report screen | | N/A | | Report screen is being displayed with Highlight values | | | | System should display report screen | Same as expected | N/A |
| 10 | User will swipe left to view the description values | | N/A | | Description values being displayed | | | | System should display description values when user swipes left | Same as expected | N/A |
|  | | | | | | | | | | | |
|  | |  | |  | |  | **Total No. of Steps** | | | **10** | |
|  | |  | |  | |  | **Total Failures** | | | **0** | |
|  | |  | |  | |  | **Test Case Result** | | | **Pass** | |

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| **Visualization** | | | | | | | | | | | |
| ***Test Case Details*** | | | | | | | | | | | |
| **Project Manager** | | Muhammad Bilal Hussain | | **Executed by** | | | | Muhammad Ahsan | | | |
| **Date** | | dd/mm/yyyy | | **Execution Date** | | | | dd/mm/yyyy | | | |
| **Application Version** | | 1.0 | | **Execution Time** | | | |  | | | |
| **Test Case Version** | | 1.0 | | **Execution Iteration** | | | |  | | | |
| **Environment** | | Sandbox/Live | | **Release Date** | | | |  | | | |
| **Test Case Type** | | Functional | | **Test Case ID** | | | | TC\_ID\_002 | | | |
| **Test Case Description:** | | Verify that the user is able to perform Short Game and visualize it and view description and highlight values from report screen | | | | | | | | | |
| **Pre-requisite(s):** | | User should have proper internet connection User should register in motion2coach  User should have Sign up first and on dashboard | | | | | | | | | |
| **Serial No.** | **Test Steps** | | **Test Data Ref** | | **System Response** | | | | **Expected Result** | **Actual Results** | **Comments** |
| 1 | User will select “Capture” button located on the dashboard | | N/A | | System displayed the capture type screen | | | | System should be redirected to capture type screen | Same expected | N/A |
| 2 | User will select “Record” button located on the capture type screen | | N/A | | System displayed the record type screen | | | | System should be redirected to record type screen | Same as expected | N/A |
| 3 | User will select “Short Game” located on the record type screen | | N/A | | System displayed the orientation screen | | | | System should be redirected to orientation screen | Same as expected | N/A |
| 4 | User will select the handedness as “Right-hand” | | N/A | | System shows handedness selected | | | | System should allow user to select the handedness | Same as expected | N/A |
| 5 | User will enter height & weight and then select “Down the Line” | | 6.2  86 | | Recording screen is displayed | | | | System should be redirected to recording screen | Same as expected | N/A |
| 6 | User will start performing swing by tabbing “Record” button | | N/A | | Recording has been started | | | | System should start recording | Same as expected | N/A |
| 7 | User will select visualize button on the preview screen | | N/A | | System redirected to the processing screen | | | | System should start processing | Same as expected | N/A |
| 8 | Verify that user is on overlay preview screen | | N/A | | System displayed overlay preview screen | | | | System should display overlay preview screen | Same as expected | N/A |
| 9 | User will swipe left to view the report screen | | N/A | | Report screen is being displayed with Highlight values | | | | System should display report screen | Same as expected | N/A |
| 10 | User will swipe left to view the description values | | N/A | | Description values being displayed | | | | System should display description values when user swipes left | Same as expected | N/A |
|  | | | | | | | | | | | |
|  | |  | |  | |  | **Total No. of Steps** | | | **10** | |
|  | |  | |  | |  | **Total Failures** | | | **0** | |
|  | |  | |  | |  | **Test Case Result** | | | **Pass** | |

**Test Case ID:** TC\_ID\_002

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| **Visualization** | | | | | | | | | | | |
| ***Test Case Details*** | | | | | | | | | | | |
| **Project Manager** | | Muhammad Bilal Hussain | | **Executed by** | | | | Muhammad Ahsan | | | |
| **Date** | | dd/mm/yyyy | | **Execution Date** | | | | dd/mm/yyyy | | | |
| **Application Version** | | 1.0 | | **Execution Time** | | | |  | | | |
| **Test Case Version** | | 1.0 | | **Execution Iteration** | | | |  | | | |
| **Environment** | | Sandbox/Live | | **Release Date** | | | |  | | | |
| **Test Case Type** | | Functional | | **Test Case ID** | | | | TC\_ID\_003 | | | |
| **Test Case Description:** | | Verify that the user is able to perform Putting and visualize it and view description and highlight values from report screen | | | | | | | | | |
| **Pre-requisite(s):** | | User should have proper internet connection User should register in motion2coach  User should have Sign up first and on dashboard | | | | | | | | | |
| **Serial No.** | **Test Steps** | | **Test Data Ref** | | **System Response** | | | | **Expected Result** | **Actual Results** | **Comments** |
| 1 | User will select “Capture” button located on the dashboard | | N/A | | System displayed the capture type screen | | | | System should be redirected to capture type screen | Same expected | N/A |
| 2 | User will select “Record” button located on the capture type screen | | N/A | | System displayed the record type screen | | | | System should be redirected to record type screen | Same as expected | N/A |
| 3 | User will select “Putting” located on the record type screen | | N/A | | System displayed the orientation screen | | | | System should be redirected to orientation screen | Same as expected | N/A |
| 4 | User will select the handedness as “Right-hand” | | N/A | | System shows handedness selected | | | | System should allow user to select the handedness | Same as expected | N/A |
| 5 | User will enter height & weight and then select “Down the Line” | | 6.2  86 | | Recording screen is displayed | | | | System should be redirected to recording screen | Same as expected | N/A |
| 6 | User will start performing swing by tabbing “Record” button | | N/A | | Recording has been started | | | | System should start recording | Same as expected | N/A |
| 7 | User will select visualize button on the preview screen | | N/A | | System redirected to the processing screen | | | | System should start processing | Same as expected | N/A |
| 8 | Verify that user is on overlay preview screen | | N/A | | System displayed overlay preview screen | | | | System should display overlay preview screen | Same as expected | N/A |
| 9 | User will swipe left to view the report screen | | N/A | | Report screen is being displayed with Highlight values | | | | System should display report screen | Same as expected | N/A |
| 10 | User will swipe left to view the description values | | N/A | | Description values being displayed | | | | System should display description values when user swipes left | Same as expected | N/A |
|  | | | | | | | | | | | |
|  | |  | |  | |  | **Total No. of Steps** | | | **10** | |
|  | |  | |  | |  | **Total Failures** | | | **0** | |
|  | |  | |  | |  | **Test Case Result** | | | **Pass** | |

**Test Case ID:** TC\_ID\_003

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| **Visualization** | | | | | | | | | | | |
| ***Test Case Details*** | | | | | | | | | | | |
| **Project Manager** | | Muhammad Bilal Hussain | | **Executed by** | | | | Muhammad Ahsan | | | |
| **Date** | | dd/mm/yyyy | | **Execution Date** | | | | dd/mm/yyyy | | | |
| **Application Version** | | 1.0 | | **Execution Time** | | | |  | | | |
| **Test Case Version** | | 1.0 | | **Execution Iteration** | | | |  | | | |
| **Environment** | | Sandbox/Live | | **Release Date** | | | |  | | | |
| **Test Case Type** | | Functional | | **Test Case ID** | | | | TC\_ID\_004 | | | |
| **Test Case Description:** | | Verify that the user is able to perform Bunker and visualize it and view description and highlight values from report screen | | | | | | | | | |
| **Pre-requisite(s):** | | User should have proper internet connection User should register in motion2coach  User should have Sign up first and on dashboard | | | | | | | | | |
| **Serial No.** | **Test Steps** | | **Test Data Ref** | | **System Response** | | | | **Expected Result** | **Actual Results** | **Comments** |
| 1 | User will select “Capture” button located on the dashboard | | N/A | | System displayed the capture type screen | | | | System should be redirected to capture type screen | Same expected | N/A |
| 2 | User will select “Record” button located on the capture type screen | | N/A | | System displayed the record type screen | | | | System should be redirected to record type screen | Same as expected | N/A |
| 3 | User will select “Bunker” located on the record type screen | | N/A | | System displayed the orientation screen | | | | System should be redirected to orientation screen | Same as expected | N/A |
| 4 | User will select the handedness as “Right-hand” | | N/A | | System shows handedness selected | | | | System should allow user to select the handedness | Same as expected | N/A |
| 5 | User will enter height & weight and then select “Down the Line” | | 6.2  86 | | Recording screen is displayed | | | | System should be redirected to recording screen | Same as expected | N/A |
| 6 | User will start performing swing by tabbing “Record” button | | N/A | | Recording has been started | | | | System should start recording | Same as expected | N/A |
| 7 | User will select visualize button on the preview screen | | N/A | | System redirected to the processing screen | | | | System should start processing | Same as expected | N/A |
| 8 | Verify that user is on overlay preview screen | | N/A | | System displayed overlay preview screen | | | | System should display overlay preview screen | Same as expected | N/A |
| 9 | User will swipe left to view the report screen | | N/A | | Report screen is being displayed with Highlight values | | | | System should display report screen | Same as expected | N/A |
| 10 | User will swipe left to view the description values | | N/A | | Description values being displayed | | | | System should display description values when user swipes left | Same as expected | N/A |
|  | | | | | | | | | | | |
|  | |  | |  | |  | **Total No. of Steps** | | | **10** | |
|  | |  | |  | |  | **Total Failures** | | | **0** | |
|  | |  | |  | |  | **Test Case Result** | | | **Pass** | |

**Test Case ID:** TC\_ID\_004