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| **Test Case** | | | | | | | | | |
| **Test Case ID** | | TC-MV-(WK)(RUN)(CRH)(JMP)-IT-v0.1a-05 | | | | | | | |
| **Test Title** | | Integration Test on Walking, Running, Crouching and Jumping Mechanics | | | | | | | |
| **Test Priority** | | High | | | **Test Level** | | | Integration Test | |
| **Test Category** | | Movement (MV) | | | **Test Type** | | | Functional Test | |
| **Tester Name** | | Aisling | | | **Execution Date** | | | 14 December 2009 | |
| **Author Name** | | Lee Choon Meng | | | | | | | |
| **Test Case Description** | | | | | | | | | |
| This test case is designed to test the functionalities of the entire movement system after the walking, running, crouching and jumping mechanics integrated together. | | | | | | | | | |
| **Entry Criteria** | | | | | | | | | |
| * A simple model is prepared. * Walking, running, crouching and jumping mechanics with 4 directions are coded and integrated into the model. * TESV\_v0.1a is prepared and ready to use. * Desktop is prepared with recommended requirements. * Test begins after the tester has loaded into the test environment with the simple model prepared. | | | | | | | | | |
| **Test Procedure** | | | | | | | | | |
| **No.** | **Execution Steps** | | **Required Data** | **Expected Result** | | **Test Result** | **Pass/**  **Fail** | | **Remarks** |
| 1. | Tester press “W” to move forward. | | - | The simple model moves forward. | |  |  | |  |
| 2. | Tester press “A” to move left. | | - | The simple model moves left. | |  |  | |  |
| 3. | Tester press “S” to move backwards. | | - | The simple model moves backward. | |  |  | |  |
| 4. | Tester press “D” to move right. | | - | The simple model moves right. | |  |  | |  |
| 5. | Tester press “Space” to jump. | | - | The simple model jumps. | |  |  | |  |
| 6. | Tester press “Ctrl” to crouch. | | - | The simple model crouches. | |  |  | |  |
| 7. | Tester hold “Shift” while moving forward to run. | | - | The simple model runs forward. | |  |  | |  |
| 8. | Repeat steps No.7 while moving to other directions to run to different directions. | | - | The simple model runs towards the selected directions. | |  |  | |  |
| 9. | Repeat steps No. 1 to 8 100 times. | | - | The simple model should pass steps No.1 to 8 100 times. | |  |  | |  |
| **Exit Criteria** | | | | | | | | | |
| Walking, running, crouching and jumping mechanic are integrated perfectly and display no unexpected behaviours and flaws. | | | | | | | | | |