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| **Use Case ID:** | UC - 5.0 | | | |
| **Use Case Name:** | Golfer is on the green. | | | |
| **Created By:** | Sean McAteer | | **Last Updated By:** |  |
| **Date Created:** | March 20th 2016 | | **Last Revision Date:** |  |
| **Actors:** | |  | | |
| **Description:** | | The golfer is on the Green  - check that swipe gesture records shot.  - check that clicking the ‘flag’ icon end the hole and starts calculations for this hole.  - check SQLite database to see coordinates shot score ratings.  - Use Google maps to verify distance calculations.  - Manually calculate shot score and see if they are correct. | | |
| **Trigger:** | | User clicks the ‘On The Green’ button in the Shot InputScreen. | | |
| **Preconditions:** | | 1. User has GPS signal | | |
| **Postconditions:** | | 1. User is presented with a screen summarising the shots taken on that hole. 2. Data for that hole is recorded in the SQLite ‘shot’ database table. | | |
| **Normal Flow:** | | 1. User swipes across the screen. 2. The device vibrates to indicate the shot has been recorded. 3. Shot data is entered correctly into database. 4. Steps 1 – 3 repeated until golf ball is in the hole. 5. User clicks the ‘flag’ icon to end the hole. 6. User is presented with a summary screen. | | |
| **Alternative Flows:**  **[Alternative Flow 1 – golfer hits ball into hole from off the green]** | | 1a. In step 1 of the normal flow, if the user has hit the ball into the hole from off the green.   1. Use case continues from step 5 in the normal work flow. | | |
| **Exceptions:** | |  | | |
| **Includes:** | | UC 4.0 | | |
| **Frequency of Use:** | | Approximately 30 times per round which will be apporx 30 times per week. | | |
| **Special Requirements:** | |  | | |
| **Assumptions:** | | The user understands the English language.  The user has GPS signal. | | |
| **Notes and Issues:** | | [List any additional comments about this use case or any remaining open issues or TBDs (To Be Determined) that must be resolved. e.g.   1. What is the maximum size of the PIN that a use can have?] | | |