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| **Use Case ID:** | UC - 4.0 | | | |
| **Use Case Name:** | User plays one shot. | | | |
| **Created By:** | Sean McAteer | | **Last Updated By:** |  |
| **Date Created:** | March 15th 2016 | | **Last Revision Date:** |  |
| **Actors:** | |  | | |
| **Description:** | | This use case is to check a number of items:  - check that the buttons are disabled and the GPS icon is red whilst the GPS signal accuracy is greater than 3 meters).  - check that the GPS icon turns green and that the buttons are enabled when the GPS accuracy is at least 3 meters.  - check that the coordinates retrieved are correct and that they are stored correctly in the SQLIte ‘shot’ database table along with the corresponding round id.  - check that a dialogue box pops up when the user clicks a button to confirm that they do indeed mean to record this shot and that they haven’t clicked the button by accident.  - check that the shot counter operates correctly.  - check that the shot data (e.g. latitude, longitude, lie) along with shot number and round id are entered correctly into the database. | | |
| **Trigger:** | | User has clicked the ‘Play Round’ button on the NewRound activity screen. | | |
| **Preconditions:** | | 1. User has GPS signal. | | |
| **Postconditions:** | | 1. Shot counter is at ‘2’. 2. Shot data is correctly entered into database. | | |
| **Normal Flow:** | | 1. User is unable to click on any of the button as the device is obtaining a GPS signal. Also the GPS icon is red. Hole number is ‘1’ and shot number is ‘1’. 2. Device gets a GPS signal accuracy of at least 3 meters. 3. GPS icon turns green. 4. Buttons are enabled. 5. User clicks the relevant button for the shot. 6. User is presented with a dialogue box asking if they do indeed intend to enter a shot. 7. User clicks OK 8. User sees shot number increment by 1. | | |
| **Alternative Flows:**  **[Alternative Flow 1 – Use chooses not to enter shot]** | | 7a. In step 7 of the normal flow, if the customer chooses not to enter shot.   1. User click NO 2. Use case continues at step 4 of normal work flow. | | |
| **Exceptions:** | | User has no GPS signal or signal accuracy is greater than 3 metres.  If this happens than the user simply cannot use the app. Basic functionality requires a good GPS signal. | | |
| **Includes:** | | UC 3.0 - New Round | | |
| **Frequency of Use:** | | Approximately 80 times per round which equates to 80 times per week. | | |
| **Special Requirements:** | | GPS signal with an accuracy of at least 3 meters is required. | | |
| **Assumptions:** | | The user understands the English language.  The user has a good GPS signal. | | |
| **Notes and Issues:** | |  | | |