|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | UC - 6.0 | | | |
| **Use Case Name:** | Play full round of golf | | | |
| **Created By:** | Sean McAteer | | **Last Updated By:** |  |
| **Date Created:** | March 24th 2016 | | **Last Revision Date:** |  |
| **Actors:** | |  | | |
| **Description:** | | User pays a full round of golf.  - Check that the hole counter increments correctly.  - Check that the data for each shot is entered with the correct hole and round id.  - Check that the summary screen for the round displays the correct information. | | |
| **Trigger:** | | User clicks ‘continue’ in the NewRound activity. | | |
| **Preconditions:** | | 1. User has GPS signal. | | |
| **Postconditions:** | | 1. User is presented with a summary of how they did for the round. 2. The summary breaks down the round into categories such as, driving, long game, etc. | | |
| **Normal Flow:** | | 1. Initially all buttons are disabled. 2. System waits until a GPS signal with an accuracy of at least 3 meters is obtained. 3. System enables all buttons. 4. User clicks the button relevant to the shot they are playing. 5. User gets a prompt form the system asking if they did indeed intend to record a shot. 6. User clicks ‘ok’ 7. System gets latitude and longitude for that location and the ‘lie’ (this is determined by which button the user clicks). 8. System enters the data along with the round id into the SQLite ‘shot’ database. 9. User continues until they are on the green when they click the ‘on the green’ button. 10. The OnGreen activity is started. 11. User swipes left or right to record a putt. 12. User clicks on the ‘flag’ icon to record the position of the flag. 13. System checks that this is not the last hole. 14. System takes user to the ‘hole summary’ page. 15. User clicks the ‘go to next hole’ button. 16. The shot input page is again displayed and the shot counter has incremented by 1. | | |
| **Alternative Flows:** | | 6a. The user clicks ‘cancel’ as they do not want to record a shot (button was clicked in error).   1. Work flow continues at step 4 of normal work flow.   14a. System finds that this is the last hole (hole counter is 18)   1. System takes user to ‘round summary’ page. | | |
| **Exceptions:** | |  | | |
| **Includes:** | | UC 3.0 – New Round | | |
| **Frequency of Use:** | | A round of golf will be played on average once a week. | | |
| **Special Requirements:** | |  | | |
| **Assumptions:** | | The user understands the English language.  User has a good GPS signal. | | |
| **Notes and Issues:** | |  | | |