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| **Use Case ID:** | UC - 1.0 | | | |
| **Use Case Name:** | Register as new user. | | | |
| **Created By:** | Sean McAteer | | **Last Updated By:** |  |
| **Date Created:** | March 7th 2016 | | **Last Revision Date:** |  |
| **Actors:** | | Gary Mander (recreational golfer) | | |
| **Description:** | | See if registration username and email address are unique and that details are entered correctly into database and that user is taken back to login screen after. | | |
| **Trigger:** | | User registers their details. | | |
| **Preconditions:** | | 1. User has network access 2. User chooses to register and not use app as guest. | | |
| **Postconditions:** | | 1. User details are stored in Web database and user presented with login screen. | | |
| **Normal Flow:** | | 1. User opens app 2. Presented with MainActivity screen 3. Clicks register button 4. Presented with register screen 5. Enters username, email address and password 6. Presses REGISTER button 7. System checks if username or email have already been used and password is at least 6 characters long. 8. Username is unique and details are stored in web database. 9. User is taken back to login screen | | |
| **Alternative Flows:** | |  | | |
| **Exceptions:** | | 7a – In step 7 of the normal flow, if the username is already taken.   1. Presented with warning ‘**username already taken’**. 2. User enters different username and password. 3. Use case continues on step 6 of normal work flow.   7b – In step 7 of the normal flow, if the email address is already taken.   1. Presented with warning ‘**email address already taken’**. 2. User enters details with different email address. 3. Use case continues on step 6 of normal work flow.   7c – In step 7 of normal workflow, user enters a password with less than 6 characters.   1. Presented with a warning saying ‘**password needs to be at least 6 characters long**’. 2. User enters username and correct length password. 3. Use case continues on step 6 of normal work flow. | | |
| **Includes:** | |  | | |
| **Frequency of Use:** | | User will enter this information once in their lifetime of using this app. | | |
| **Special Requirements:** | |  | | |
| **Assumptions:** | | The user understands the English language. | | |
| **Notes and Issues:** | | 1. Username can be a max size of 10 characters. 2. Password must be a max size of 10 characters. | | |