Use Case 5

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| Use Case ID: | 5 | | |
| Use Case Name: | Add Friends | | |
| Created By: | Bennett Dierckman | Last Updated By: | Emma Smith |
| Date Created: | 10/18/17 | Date Last Updated: | 10/22/17 |
| Actors: | User | | |
| Description: | User has the ability to search for friends and add them to their friend list. | | |
| Trigger: | 1. The User desires to connect with their friends through the application. | | |
| Preconditions: | 1. User is on profile page. | | |
| Postconditions: | 1. User has successfully added a friend to their friend list. | | |
| Normal Flow: | **5.0 User Adds Friends**  1. User A selects the hamburger menu. 2. User A selects their friend list within the menu.  3. User A taps the search bar at the top of friends list. 4. User A types user B’s username. 5. User A selects user B from the list of similar usernames. 6. User A’s friend request is sent to User B. 7. User B receives friend request. 8. User B accepts friend request. 9. User A is notified of friend request’s approval. 10. User A now has the ability to view user B’s profile, and vice versa. | | |
| Alternative Flows: | **5.1 Friend request declined** (After Step 7) 1. User B declines user A’s friend request. 2. User A is still not able to view user B’s profile. | | |
| Exceptions: | **5.0.E.1 User Decides not to Add Any Friends**  **5.0.E.2 User Cannot Find Desired Username** (During Step 5)  1. User A does not see User B’s username among possibilities.  2. User A double checks spelling of User B’s username.  3. Return to Step 4. | | |
| Includes: | NA | | |
| Priority: | Low | | |
| Frequency of Use: | Frequency dependent on Users preferences. | | |
| Business Rules: | Na | | |
| Special Requirements: | System can curate a list of similar usernames. | | |
| Assumptions: | 1. The application has been downloaded from Google Play, and is open on user’s device.  2. The user has created an account.  3. The user is logged-in. | | |
| Notes and Issues: | Determine how username query will populate search results. | | |