Test procedure should follow sprintplan implemented functions.

**Current known issues or features not implemented according to schedule found whilst testing.**

Issues with software

1. Issue where username is blocked by keyboard, when creating new user.
2. All actions (posting questions, answering questions) is listed under developers name (RickPham).
3. For older persons interface, User creation not labelled very well , needs to inform specifically what an Email address, username, password are. Possibly display an example email address: [XXXXXX@gmail.com](mailto:XXXXXX@gmail.com), [XXXXXX@outlook.com](mailto:XXXXXX@outlook.com)

\*\*\*These issues are caused due to lack graphical UI at the moment\*\*\*\*

1. Back buttons currently don’t work
2. Add question not labelled and blocks existing question
3. App doesn’t detect duplicate emails, this causes username chaos when answering and posting questions.

Features not implemented according to schedule

1. Trending Requests/Questions
2. GPS locater not implemented
3. Social media login not implemented (Facebook, twitter etc)

**Testing Database storage. Sprint 1 task ID 1,2,3**

* Set up Xamarin on Laptop as main test environment
* Add questions to database table, make sure offensive words are not accepted
* Test data can be entered into all tables and stored after disconnect and reconnect to database

**Testing username creation. Sprint 1 task ID 4,5,6,7,8,9**

* Test username can be saved, can be logged off and logged back on. After disconnecting and reconnect.
* (check with Rick if this will be implemented this early on in development). Test offensive usernames are not excepted. Will require a regex library import.
* Test duplicate usernames are not accepted.
* Login to different emulator with same username
* Login with social media IDs, disconnect social media IDs and reconnect on other device (to be implemented at later sprint due to complexity)
* Login on other device using social media login.
* Attempt to have multiple devices logged in. This should work with regular login and social media login
* Check elderly persons login is functioning accurately and is user friendly
* Test GPS location is working. (implementation delayed to later sprint, due to complexity)
  + Once user creation can handle a postcode variable, test that all posts by other users in that postcode show up first when browsing questions and asking questions with same topic/#tag
  + Have all team members check this at their respective homes/postcode areas.
  + Check for accuracy in locations
* All team members test location services from their residential address and place of work if possible

**Testing Basic User Functionality. Sprint 1 Task ID 10,11,12,13,14,15,16**

* Test all functions of Elderly person interface
  + Check navigation (back and forwards)
  + Check posting question
    - Post question, logout and log back in
    - Check that post is there
    - Login with another user ID and check post is visible.
    - Check all posts are visible in Parse server and have user name in table etc.

* + Responding to question
    - Locate a post and respond to it
    - Log out and back in, check the response is visible
    - Check the response is visible with another user ID
    - Check all posts are visible in Parse server and have user name in table etc.

\*\*\*\*\*\*\*Details on how to switch between basic and advanced mode need to be included once this feature is implemented\*\*\*\*\*\*\*

* + Browsing questions Basic User Interface
    - Once app is basic mode, select browse questions and scroll through them
    - Check all entries are the same as in the parse server
    - Have another user ID login post a question in advanced mode and check it appears in both user interface “Browse Questions” section
  + Check accessing user profile of persons asking questions, posting questions and when browsing questions
    - Locate a post, click on the user who posted, check details are visible
    - Locate the same post in Parse server and check the details are the same as on application
  + Post a question, have numerous users read and post answers to it. Check to see if it is listed under the trending/popular tab. (currently called popular)
  + Check that all questions currently listed in Parse server are listed under the “browse all question” tab
  + On home screen select search by #tag/category (this is yet to be determined by client)
    - Select a category and browse it
    - Repeat this step and check the data matches the parse server information.
  + Check when browsing that questions in similar categories are in sequential order by time of posting (newest to oldest)
    - Check the alphabetical order of categories is correct.
  + Whilst browsing, select the “bookmarks icon” then leave the browsing page and head to my profile tab, select bookmarked and ensure the post is listed there.
    - Additionally, un bookmark the post and check it is gone.

**Testing** **Advanced Older User Interaction. Sprint 2 Task ID 20,21,22,23,24,25,26,27**

* Testing interaction between Young and Elder persons UI
  + Login to app, post a question as a young person.
  + Logout and login with another username, switch to older persons UI
  + Locate the question posted by young person
  + Answer question, log out and back in again as young person, make sure the older persons question is answered.