

Statfinder Black Box Testing

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| Defect # | Test Name | Description | Expected Output | Actual Output | Severity |
|----------|--------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| 1 | MAIN03 | Pressing Popular Question fails to display when there is only one question | Popular Question loads the most popular question | Will fail if there's only one question | 2 |
| 2 | HISTORY04 | User answered history isn't sorted | History should be sorted | Answers are in random order | 2 |
| 3 | MAIN03 | The spaces between words in a question are instead underscores. | A question should have spaces, but not underscores. | A question only has underscores between words. | 2 |
| 4 | GENQUALITY01 | Contact button should display a new page with the information of the developers | Contact button opens a way to contact the developers | Nothing happens | 3 |
| 5 | POPULARITY01 | Category buttons may send user to wrong category | Tapping a category should send a user to the tapped category | Tapping Art sends to History instead of Art | 2 |
| 6 | GENQUALITY01 | Keyboard stays on screen after hitting back button on add question page. | Keyboard should disappear is expected since it moves back to the previous activity | Keyboard never disappears unless the user hides it using the Android navigation bar | 2 |
| 7 | CREATE01 | Adding question will sometimes not work | Adding question should work every time | The 'add question' activity will occasionally not add the question to the database | 1 |
| 8 | CREATE01 | Last answer option for user created questions don't show up for anyone else | Questions should display all answer options | The last answer option is missing | 1 |
| 9 | SEARCH01 | Search results are duplicated | Search results should be | Searching for something results in | 2 |

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| | | | displayed once per result | duplicated results | |
| 10 | CREATE01 | Creating a question will duplicate it in the General category | Creating a question should only put it in the category specified | Created questions have multiple categories | 2 |
| 11 | RESULTS01 | When multiple questions are answered, some don't appear in the history | All questions should display in the history | Not all questions properly display in the history | 1 |
| 12 | POPULARITY01 | Sports Category leads to Games category view | Question categories are correctly labeled | Sports category displays 'games' at the top | 3 |
| 13 | SETTINGS04 | Filtering is incorrect | Pressing a filter option should prevent the user from seeing questions of that nature | Filtering 'Scitech' does nothing | 2 |
| 14 | VOTING03 | User can select multiple answers, although they supposedly should only be able to select one for each question at a time. | A user is expected to answer a question using just one answer option | If a user taps on multiple answers and release the finger taps simultaneously, those answers would all be recorded. | 1 |
| 15 | HISTORY01 | Skipped history 'Next' button doesn't work | Pressing 'next' in skipped history should bring you to the next skipped question | Skipped History's Next button takes you back to skipped history home | 2 |
| 16 | LOGIN01 | Testing with internet data is disabled | App should display an error alerting the user that the device is offline and wait until they have been enabled | The app crashes on launch | 1 |

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| 17 | LOGIN01 | Testing with location services are disabled | App should display an error prompting the user to enable location services and wait until they have been enabled | The app crashes whenever a request to the server is made which contains a location (i.e. answering a question, viewing responses to a created question) | 1 |
| 18 | MINAPILEVEL01 | Testing on older android versions | App should work fine on Android API16+ | App crashes on Facebook login for API 17, and lower | 1 |
| 19 | RESULT01 | History gets cut off | All questions display correctly in history | History entries will be cut off at the bottom if there are too many | 3 |
| 20 | VOTING02 | Double click answer to question before results screen loads | Only the first answer is recorded and displayed | Multiple answers are recorded and displayed | 3 |
| 21 | FLAG02 | There is no acknowledgement of reporting | Reporting a question should have an effect beyond skipping it | There is no confirmation of reporting, and 6 reports should be enough to remove a question | 3 |