Test plan

Date:

06.09.2022

Location:

Eindhoven, Netherlands

Author:

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This test plan is written to test quiz website made by Ante Cetinić Franulović in semester 3. The type of testing used will be functional tests to verify the actual output of the website. Integration tests will also be applied to make sure the website as a whole works in sync(the backend, frontend and the database).

# Versioning table

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| --- | --- | --- | --- |
| Author | Version | Changes | Date |
| Ante | 1.0 | Created the document and added 10 tests | 6.9.2022 |
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| --- | --- | --- | --- | --- | --- |
| Case | Pre-condition | Steps | Test data | Expected result | Actual result |
| Login | Webapp is open | 1.Enter username  2.Enter password  3.Click login | Username: user  Password: user | User is logged in and taken to the homepage |  |
| Incorrect login | Webapp is open | 1.Enter wrong username  2.Enter wrong password  3.Click login | Username: wrong  Password: wrong | User is not logged in and an error is shown |  |
| Searching for a quiz | User is logged in | 1.Open quiz page  2.Enter keyword and search | history | Relevant quizzes are displayed |  |
| Viewing scores | User is logged in | 1.Open profile page |  | Users aggregate score is displayed |  |
| Viewing other peoples profiles | User is logged in | 1.Open search page  2.Enter another users name  3.Click search  4.Select the user from a list of results | Second user | The profile of the second user is shown |  |
| Adding friends | User is logged in | 1.Open search page  2.Enter another users name  3.Click search  4.Select the user from a list of results  5.Click add friend | Second user | A friend request is sent to the second user |  |
| Creating a quiz | User is logged in | 1.Open quiz page  2.Select create a new quiz  3.Input the required information and press publish | Dummy questions | The quiz is published and should be accessible to everyone |  |
| Playing the quiz | User is logged in | 1.Open the quiz page  2.Find a quiz |  | Quiz starts displaying questions, awards points and progresses accordingly |  |
| Point accumulation | User is logged in | 1.Open the quiz page  2.Play a quiz  3.Open profile page  4.Check if points have increased accordingly |  | Total points should be increased by the amount earned in the last quiz |  |
| Chatting to friends | User is logged in and has a friend | 1.Open list of friends  2.Select a friend and select send message  3.Input the message  4.Press send | Arbitrary message | Message is sent and the second user receives it |  |