**Test Results**

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**Project 1: Group Matching App**

**COP 4331, Fall 2021**

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**Description of Test Environment**

Actual testing varied little from the planned testing schema. Testing was performed on the machines of individual developers using a standardized environment; class development and testing were performed in the Eclipse IDE using Java 11, with local instances of the database and website on developers’ machines.

**Results of Individual Test Cases**

For each test case: who ran this test case, when was it run, in what environment, and the result: "pass" or "fail" (and if "fail", precisely what was observed).

Note: the easiest way to document test results is to make a copy of your final test plan document and add the above information to each test case.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | **Description** | **Date** | **Developer** | **Result** |  |
| 001 | Demonstrate that users can be correctly created on the website | 11/22/21 | Alejandro | Pass |  |
| 002 | Demonstrate that users can be correctly deleted on the website |  |  |  |  |
| 003 | Demonstrate that users can create a group on the website |  |  |  |  |
| 004 | Demonstrate that users can be correctly delete a group on the website |  |  |  |  |
| 005 | Demonstrate that users can correctly join a group on the website |  |  |  |  |
| 006 | Demonstrate that users can correctly leave a group on the website |  |  |  |  |
| 007 | Demonstrate that users can correctly create an event in a group on the website |  |  |  |  |
| 008 | Demonstrate that users can correctly join an event in a group on the website |  |  |  |  |
| 009 | Demonstrate that users can correctly add images to an event in a group on the website |  |  |  |  |
| 010 | Demonstrate that users can correctly leave an event in a group on the website |  |  |  |  |
| 011 | Demonstrate that users can correctly delete an event in a group on the website |  |  |  |  |
| 012 | Demonstrate that users can correctly send messages in a group on the website |  |  |  |  |
| 013 | Demonstrate that users can correctly remove a different user in a group on the website |  |  |  |  |
| 100 | Check if the database is accessible | 11/20/21 | Charles | Pass |  |
| 101 | Check if we can query a User by username from the database | 11/20/21 | Charles | Pass |  |
| 102 | Check if we can query a User by user ID from the database | 11/20/21 | Charles | Pass |  |
| 103 | Check if we can update a User in the database | 11/20/21 | Charles | Pass |  |
| 104 | Check if we can add a User in the database | 11/20/21 | Charles | Pass |  |
| 105 | Check if we can delete a User in the database | 11/20/21 | Charles | Pass |  |
| 106 | Check if we can query a Group by group name from the database | 11/20/21 | Charles | Pass |  |
| 107 | Check if we can query a Group by group ID from the database | 11/20/21 | Charles | Pass |  |
| 108 | Check if we can create a Group in the database | 11/20/21 | Charles | Pass |  |
| 109 | Check if we can update a Group in the database | 11/20/21 | Charles | Pass |  |
| 110 | Check if we can join a Group in the database | 11/20/21 | Charles | Pass |  |
| 111 | Check if we can make a User an admin in a Group in the database | 11/20/21 | Charles | Pass |  |
| 112 | Check if we can remove a User from admin in a Group in the database | 11/20/21 | Charles | Pass |  |
| 113 | Check if we can leave a Group in the database | 11/20/21 | Charles | Pass |  |
| 114 | Check if we can ban a User from a group in the database | 11/21/21 | Charles | Pass |  |
| 115 | Check if we can unban a User from a Group in the database | 11/21/21 | Charles | Pass |  |
| 116 | Check if we can create an Event in the database | 11/21/21 | Charles | Pass |  |
| 117 | Check if we can query an Event by event name from the database | 11/21/21 | Charles | Pass |  |
| 118 | Check if we can query an Event by event ID from the database | 11/21/21 | Charles | Pass |  |
| 119 | Check if we can edit an Event in the database | 11/21/21 | Charles | Pass |  |
| 120 | Check if we can cancel an Event in the database | 11/21/21 | Charles | Pass |  |
| 121 | Check if a User can join an Event in the database | 11/21/21 | Charles | Pass |  |
| 122 | Check if a User can leave an Event in the database | 11/21/21 | Charles | Pass |  |
| 123 | Check if we can ban a User from an Event in the database | 11/21/21 | Charles | Pass |  |
| 124 | Check if we can unban a User from an Event in the database | 11/21/21 | Charles | Pass |  |
| 125 | Check if we can add the path to an image linked to an Event in the database | 11/21/21 | Charles | Pass |  |
| 126 | Check if we can remove the path to an image linked to an Event in the database | 11/22/21 | Charles | Pass |  |
| 127 | Check if we can count the number of groups in the database | 11/22/21 | Charles | Pass |  |
| 128 | Check if we can get the messages of a Group from the database | 11/22/21 | Charles | Pass |  |
| 129 | Check if we can update the messages of a Group in the database | 11/22/21 | Charles | Pass |  |
| 130 | Check if we can return an ArrayList of all the Groups a User is in from the database | 11/22/21 | Charles | Pass |  |
| 131 | Check if we can return an ArrayList of all the Events a User is in from the database | 11/22/21 | Charles | Pass |  |
| 132 | Check if we can return an ArrayList of all the Events a Group is in from the database | 11/22/21 | Charles | Pass |  |
| 133 | Check if we can return an ArrayList of all the Users a Group is in from the database | 11/22/21 | Charles | Pass |  |
| 134 | Check if we can return an ArrayList of all the admins a Group is in from the database | 11/22/21 | Charles | Pass |  |
| 135 | Check if we can return an ArrayList of all the Users a Event is in from the database | 11/22/21 | Charles | Pass |  |
| 136 | Check if we can discern if a User created an Event in the database | 11/22/21 | Charles | Pass |  |
| 200 | Check if we are able to sort a random selection of Groups by relevance to the User (i.e. the more concrete common interests between the Group and the User, the higher the weight is of the group for the User) | 11/29/21 | Brendan | Pass |  |
| ~~300~~ | ~~Check if we are able to parse json values in Node.js~~ | ~~11/24/21~~ | ~~Alejandro~~ | ~~Pass~~ |  |
| ~~301~~ | ~~Check if we are able to connect to MySQL in Node.js~~ | ~~11/24/21~~ | ~~Alejandro~~ | ~~Pass~~ |  |
| ~~302~~ | ~~Check if routes are able to be defined to web pages in Node.js~~ | ~~11/24/21~~ | ~~Alejandro~~ | ~~Pass~~ |  |
| ~~303~~ | ~~Check if HTML pages take input data and output data to Node.js~~ | ~~11/24/21~~ | ~~Alejandro~~ | ~~Pass~~ |  |
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**Conclusion**

What are your final conclusions from the tests? Is more testing required? What additional tests should be performed? Is the software ready to be delivered? Do you have any maintenance concerns? What remains to be done for the software?