**Project Name:** https://github.com/shaneh92/nodebucket

**Test Case Template**

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| **Test Executed by**: Shane Hingtgen | **Test Execution date:** 9/19/23 |
| **Description: Test registerUser API in swagger** |  |

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| **Step** | **Test Steps** | **Expected** | **Actual Results** | **(Pass/Fail)** | **Notes** |
| 1 | Open application and in a new terminal start the server with npm start | Should see terminal messages about server starting |  | pass | If failed check you are in the correct folder |
| 2 | Navigvate to http://localhost:3000/api-docs/ | We should be on the swagger open api doc page |  | pass | If failed check url is correct |
| 3 | Open register a new user and press try it out | We should see the request body now editable |  | pass |  |
| 4 | Type in a unique email address at the top and  Under the selectedSecurityQuestions replace the array with  {  "question": "What is your favorite color?",  "answer": "Blue"  },  {  "question": "What is your favorite food?",  "answer": "Blue"  },  {  "question": "What is your favorite car?",  "answer": "Blue"  } Then press execute | We should receive a 200 message |  | pass |  |
| 5 | Without making any changes hit execute again | We should get a 400 error |  | pass |  |
| 6 | Try another unique email address and Add another security question for a total of 4: example:   {  "question": "What is your favorite color?",  "answer": "Blue"  },  {  "question": "What is your favorite food?",  "answer": "Blue"  },  {  "question": "What is your favorite car?",  "answer": "Blue"  },  {  "question": "What is your favorite animal?",  "answer": "Blue"  } | We should get a 400 error |  | pass | Test to see if we can have more than 3 security questions |
| 7 | Now delete two of the security questions. Example:   {  "question": "What is your favorite color?",  "answer": "Blue"  },  {  "question": "What is your favorite food?",  "answer": "Blue"  } | We should get a 400 error |  | pass | Test to see if we can have less than 3 security questions |

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| Comments: This test will see if registerUser api is working within swagger application. We will also test for having a strict number of 3 security questions, and duplicate emails. |