**TEST EVALUATION REPORT**

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| **Project Name** | Backbase Assignment |
| **Report Version** | 1.0 |
| **Quality Engineer** | Christine Onyango |

**Overview of Application Under Test**

BBlog is a social blogging site (i.e. a Medium.com clone). It has an API that uses a custom API for all requests, including authentication and a Web interface that implements the API and enables the final users to use it through a web browser.

General functionality

All the functionalities bellow are implemented in the API and Web layers:

* CRUD Articles
* CR\*D Comments on articles (no updating required)
* GET and display paginated lists of articles
* Favorite articles
* Follow other users

**Scope of Testing**

* Login
* Registration
* Profile update
* Logout

**Test Approach**

The approach taken for this test is manual testing, automated web front end tests as well as automated API tests. Manual test cases are maintained on the attached spreadsheet. The tools used for automation are;

* Protractor with jasmine in Javascript for E2E tests
* Supertest with chai in javascript for API tests

The features considered for automation are login, registration and log out for the reasons that these are some of the most frequently used and critical features and are also the most repetitive tasks carried out during testing. Given the time constraints, these form the base onto which additional tests will be added.

**Open Issues**

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| **Feature** | **Issue Description** | **Recommendation** |
| Login | The format of the email format entered by a user is not validated. This is a nice to have as it would reduce the number of steps a user has to take to log in | Email format should be validated once the user is done typing and moves to the password field |
| Login | The password field should have a hide/unhide button to reveal the password if the user needs to verify the password | The reveal toggle button is a nice to have to enhance usability |
| Login | Email is case sensitive and a user is not able to log in with an email in uppercase. | Login email should not be case sensitive and all user inputs should be transformed to lowercase before submission |
| Login | Password reset functionality is missing on the login page | Password reset is a key feature that should be implemented alongside the log in feature to make enhance self service |
| Registration | There are no notifications whether on the dashboard or on email on successful registration | Notifications are important as they let users aware that the process is successful and to verify that the registration is by the rightful owner of the email address used |
| Update User | User is able to submit a blank password making it impossible for them to log in on the next login | Users should be allowed to update the profile info without necessarily updating the password in which case the application should not submit a blank password |

**Risks**

The token does not expire on logout and can still be used on insomnia to make API requests