Software Testing Plan

Rappid app development

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# Testing for Sprint Two

## Testing Tools

* Automated testing tools that can conduct tests and auto generate test data.
* Debugging tools used by the development to manually find bugs and errors in the code.

## Testing Environment

* A modern Windows 10 computer.
* An internet network connection.
* A server to host the website and database. A solution such as USBWebServer may also be satisfactory.
* The Google Chrome web browser to navigate the website.

## Test Cases

These are the test cases for the current version of the project.

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Description | Expected Outcome | Evidence |
| Case 1 | Singing up using only a first name | Error given |  |
| Case 2 | Singing up using a full name | Email and name added to database |  |
| Case 4 | Singing up using an already existing account | Error given |  |
| Case 3 | Singing up using a number in the name | Error given |  |
| Case 4 | Singing up using an incorrect email | Error given |  |
| Case 5 | Singing up using a correct email | Email and name added to database |  |
| Case 6 | Singing up and not selecting either Send an email or Show notifications | Error given |  |
| Case 7 | Singing up and selecting only Send an email | Email and name added to database only for sending emails |  |
| Case 8 | Singing up and selecting only Show notifications | Email and name added to database only for notifications |  |
| Case 9 | Choosing to unsubscribe | Email sent to admin |  |
| Case 10 | Adding an admin | Adds a new admin to the database |  |
| Case 11 | Signing in as an admin | Allows access to admin controls |  |
| Case 12 | Unsubscribing a user | Changes the user’s status to not receive emails |  |
| Case 13 | Removing a user | Removes them from the database |  |