

**Team#4 Credit**

**Sprouts Team #4 Credit Test cases 1. Sprouts\_SE04STP2018\_i1 04- -2018**

**Sprouts Statement of Work 1. Sprouts\_SE04STP2018\_i1 04- -2018**

**Sprouts  
Software Test Plan (STP)  
 Team #4 Credit Sprouts 1. Sprouts\_SE04STP2018\_i1**

**04- -2018 Version: 1.  
CM Identifier: Sprouts\_SE04STP2018\_i1**

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| **Sl. No.** | **Prepared/**  **Modified by** | **E-mail** | **Version** | **Date** | **Approved by** | **Descriptions/**  **Remarks** |
| 1. | Amira Ahmed | amira.a.amer@gmail.com | 1.1 | 04/06/2018 |  |  |
| 2. | Sahar Hossam | s7r\_hossam@hot  mail.com | 1.2 | 04/07/2018 |  |  |

**Distribution list**

|  |  |  |
| --- | --- | --- |
| **Name** | **E-mail** | **Notes** |
| Eng.Ali El Seddeek |  | for approval |

Table of Contents

[**Overview**](#_kgegoaipbgce) **5**

[Objective](#_22n5vbwufbkm) 5

[Test Scope](#_fmlptw7tdiq3) 5

[Approach](#_txgjrtt7n94) 5

[**Test Methodology**](#_hqlsp38knbo2) **5**

[Testing Environment](#_1t3h5sf) 5

[Functional Testing](#_pem3fjtdshyu) 5

[Non-functional Testing](#_17dp8vu) 9

[Performance Testing](#_c29vodpymooc) 9

[Quality Testing](#_cv8eshl45rt5) 9

[Interface Testing](#_etavp9xqg071) 9

[Other Testing](#_m4zv7ufpflqt) 9

[**References**](#_1ksv4uv) **9**

[**Glossary**](#_2jxsxqh) **9**

[**Appendices**](#_e11waqn1rus) **9**

Software Test Plan

# Overview

## Objective

Validate that the developed functionalities meet the corresponding uses cases stated in the SRS[1]. Assess the quality of the developed program and that all system components are functioning together.

## Test Scope

Test plan is limited to the requirements of Sprouts iteration 1.

## Approach

Unit testing is done on each component using manual testing. A system test is done after integrating all components. Regression test is done on old components which units under test are dependent on or interact with to trace the source of the error easily.

# Test Methodology

## Testing Environment

Testing will be done locally using a local server and MySQL database to run the website.Functional requirements will be tested manually and performance will be tested using the performance tests in Visual Studio.

## Functional Testing

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| **TC-1** |  | **Register a student** |  |
| **Purpose:** | | User can register as a student easily by filling the required information | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Go to the signup section  2-Fill in the name,email and password  3-Press signup | |
| **Expected Results:** | | “You Signed Up Successfully” message appears | |
| **Actual Results:** | | “You Signed Up Successfully” message appeared | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-2** |  | **Add a volunteer** |  |
| **Purpose:** | | Add a volunteer easily by filling the required information | |
| **Prerequisite:** | | Signed in as admin | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Open the admin homepage  2-Click Add Instructor tab  3-Insert all needed information  4-Press add | |
| **Expected Results:** | | 'The instructor is inserted successfully' message appears | |
| **Actual Results:** | | 'The instructor is inserted successfully' message appeared | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-3** |  | **Add an admin** |  |
| **Purpose:** | | Add a new admin to the system | |
| **Prerequisite:** | | Signed in as admin | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Open the admin homepage  2-Click Add Administrator tab  3-Insert all needed information  4-Press add | |
| **Expected Results:** | | 'The Admin is added successfully' message appears | |
| **Actual Results:** | | 'The Admin is added successfully' message appeared | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-4** |  | **Register with an existing email** |  |
| **Purpose:** | | User cannot register with an existing email | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Go to the sign up section  2-Fill in the information with an existing email  3-Press sign up | |
| **Expected Results:** | | ‘email already exists’ message appears | |
| **Actual Results:** | | ‘email already exists’ message appears | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-5** |  | **Register with mismatching password and confirmation** |  |
| **Purpose:** | | Password and confirmation must match | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Go to the sign up section  2-Fill in the information with confirmation password different from the original password  3-Press sign up | |
| **Expected Results:** | | ‘Passwords do not match’ message appears | |
| **Actual Results:** | | ‘Passwords do not match’ message appears | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-6** |  | **Register with missing information** |  |
| **Purpose:** | | All information must be included to be able to register | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Go to the sign up section  2-Leave some fields empty  3-Press sign up | |
| **Expected Results:** | | ‘Please fill this field’ message appears at the field with the missing data | |
| **Actual Results:** | | ‘Please fill this field’ message appeared at the field with the missing data | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/06/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Amira Ahmed | |

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| **TC-7** |  | **Login as Admin** |  |
| **Purpose:** | | Given a correct email and password admin should be able to login to their account | |
| **Prerequisite:** | | Have an admin account | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Enter correct email and password for an admin  2-Press sign in | |
| **Expected Results:** | | Load admin homepage | |
| **Actual Results:** | | Loaded admin homepage | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/05/2018 | |
| **Build Version:** | | 1.0 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Sahar Hossam | |

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| **TC-8** |  | **Login as student** |  |
| **Purpose:** | | Given a correct email and password student should be able to login to their account | |
| **Prerequisite:** | | Have an student account | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Enter correct email and password for a student  2-Press sign in | |
| **Expected Results:** | | Load student homepage | |
| **Actual Results:** | | Loaded student homepage | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/07/2018 | |
| **Build Version:** | | 1.1 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Sahar Hossam | |

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| **TC-9** |  | **Login as Volunteer** |  |
| **Purpose:** | | Given a correct email and password volunteer should be able to login to their account | |
| **Prerequisite:** | | Have an volunteer account | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Enter correct email and password for a volunteer  2-Press sign in | |
| **Expected Results:** | | Load volunteer homepage | |
| **Actual Results:** | | Loaded volunteer homepage | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/07/2018 | |
| **Build Version:** | | 1.1 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Sahar Hossam | |

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| **TC-10** |  | **Login with false credentials** |  |
| **Purpose:** | | System should login only correct credentials | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Enter an incorrect email or password  2-Press sign in | |
| **Expected Results:** | | 'Invalid email or password' message appears | |
| **Actual Results:** | | 'Invalid email or password' message appeared | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/07/2018 | |
| **Build Version:** | | 1.1 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Sahar Hossam | |

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| **TC-11** |  | **Login with missing credentials** |  |
| **Purpose:** | | Users cannot login without entering an email and password | |
| **Prerequisite:** | | None | |
| **Priority:** | | **High Priority** | |
| **Steps:** | | 1-Enter an incorrect email or password  2-Press sign in | |
| **Expected Results:** | | ‘Please fill this field’ message appears at the field with the missing data | |
| **Actual Results:** | | ‘Please fill this field’ message appeared at the field with the missing data | |
| **State:** | | Pass | |
| **Issue #:** | | Not applicable | |
| **Execution Date:** | | 04/07/2018 | |
| **Build Version:** | | 1.1 | |
| **Questions and notes:** | |  | |
| **Tester Name:** | | Sahar Hossam | |

## Non-functional Testing

### *Performance Testing*

### *Quality Testing*

Not applicable

### *Interface Testing*

Not applicable

### *Other Testing*

Describe the other testing for the project that is not covered in the types of tests described in previous sections.

# References

1.Software Requirements Specification (SRS) V1.0 [Sprouts\_SE042018\_v1.0]

# Glossary

Define all terms and acronyms required to interpret the Test Plan properly.

# Appendices

Not applicable