# **DO NOT LEAK (DNL)**

A Second Year Project Report

Submitted to the Faculty

of the

Bennett University

By

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**SPRINT 1**

**Estimated User Story Points:** 5

**Actual Completed User Story Points:** 7

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Added** | **Description** | **Status** | **Story Points** | **Actual Equivalent Story Points** | | **% Completed** |
| **100** | Onset | ***As a*** *End User,*  ***I want*** *to be able to register online,*  ***So that*** *I can register quickly and access the service* | **C** | **2** | **3** | | **100%** |
| **101** | Onset | ***As a*** *End User,*  ***I want*** *to be able to log-in online,*  ***So that*** *I can quickly access the service if i am already registered* | **C** | **2** | **3** | | **100%** |
| **102** | Onset | ***As a*** *System Admin,*  ***I want*** *to be able to log-in as a admin*  ***So that*** *I can keep track of existing users and new users.* | **C** | **1** | **1** | | **100%** |
| **Acceptance Criteria** | | | **Verification** | | | | |
| **110** | A user cannot submit a form without completing all the mandatory fields | | **Create a test case to verify non-empty fields.** | | | | |
| **111** | Information from the form shall be stored in the registration database after form submission | | **Create a test case to verify information is stored in the database.** | | | | |
| **112** | Payment shall be accepted via credit card | | **Create a test case to verify the credit card payment method from the bank.** | | | | |
| **113** | An acknowledgment email shall be sent to the user after submitting the form. | | **Create test cases to verify sending of acknowledgement email after successful payment.** | | | | |
| **ID** | **Tasks** | | | | | **Resource** | |
| *1* | *Create a registration page with all required fields (FName, LName, organization, Address details, email, credit card details, Username, Password) and register button at the bottom, also have the same for Admin* | | | | | **Team member 1** | |
| *2* | *Create a registration page with all required fields (Username and Password) and Login button at the bottom.* | | | | | **Team member 2** | |
| *3* | *Develop a backend functionality that checks required fields are non-empty when the user clicks on register button.* | | | | | **Team member 3** | |
| *4* | *Built a functionality which verifies payment from bank based on credit card details at 1.* | | | | | **Team member 4** | |
| *5* | *Built a functionality which stores registration data in the database according to the specifications and sends acknowledgement email to the registered email else display payment failure message.* | | | | | **Team member 5** | |
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**SPRINT 2**

**Estimated User Story Points:** 10

**Actual Completed User Story Points:** 14

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Added** | **Description** | **Status** | **Story Points** | | **Actual Equivalent Story Points** | **% Completed** |
| 200 | Onset | ***As a*** *End User,*  ***I want*** *to be able to download the app from the website*  ***So that*** *I can launch the app locally* | **C** | **2** | | **4** | **100%** |
| 201 | Onset | ***As a*** *End User,*  ***I want*** *to be able to query from the website*  ***So that*** *I can ask any query that I may face regarding the usage of the software* | **C** | **2** | | **2** | **100%** |
| 202 | Onset | ***As a*** *End User,*  ***I want to***  *use the service*  ***So that***  *I can encrypt my data* | **C** | **4** | | **6** | **100%** |
| 203 | Onset | ***As a*** *System Admin,*  ***I want*** *to be able to view who is registered*  ***So that*** *I can keep track of existing users and new users.* | **C** | **2** | **2** | | **100%** |
| **Acceptance Criteria** | | | **Verification** | | | | |
| 210 | Website successfully identifies the client platform and prepares application download. | | Create Test cases that verify downloads for each Major OS platform. | | | | |
| 211 | A Query section exists for customers to successfully interact with Support Staff. | | Create a Usability test for the Query Section on the Website. | | | | |
| 212 | Customer successfully launches the app and is able to Encrypt/Secure their data connection. | | Usability test to determine if customers can use the platform successfully.  Create Test Cases for major bottleneck scenarios for encryption of data. | | | | |
| 213 | System successfully generated a log of all users registered by the form. | | Create test cases for creating system logs in for all types of registrations. | | | | |
| **ID** | **Tasks** | | | | **Resource** | | |
| *1* | Developed a system which automatically detects the host OS platform and prepares the download for them, with a click of the Download Button. | | | | Team member 1 | | |
| *2* | Developed the Back-End for the Query System. | | | | Team member 2 | | |
| *3* | Integrated and Developed the UI for the Query System in accordance to modern UI/UX standards. | | | | Team member 2 | | |
| *4* | Developed the essentials of the Encryption System that secured the User Data Connection. | | | | Team member 3 | | |
| *5* | Developed a system which logs Error/Lost data information and registered User data. | | | | Team member 5 | | |
|  |  |  |  |  |  |  |  |

**SPRINT 3**

**Estimated User Story Points:** 15

**Actual Completed User Story Points:** N/A

**Main User Story:***SECURING USER DATA AND OUR SERVERS*

“***As a*** *End-User,* ***I want*** *to use this service,* ***so that*** *I can secure my data connection.”*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Added** | **Description** | **Status** | **Story Points** | **Actual Equivalent Story Points** | **% Completed** |
| 300 | Onset | ***As a*** *End User,*  ***I want*** *to use this service,*  ***So that*** *I can secure my data connection.* | **C** | **15** | **6** | **Servers setup(33%)** |
| **Acceptance Criteria** | | | **Verification** | | | |
| 310 | User Downstream Data must be encrypted from our servers. | | Create test cases to verify search results by quiz name. | | | |
| 311 | User Upstream Data must be encrypted from our servers. | | Create test cases to verify search results by quiz topics. | | | |
| 312 | Our servers must have a Firewall to protect them from Cyber Attacks. | | Create test cases to verify search results by creation and last used date. | | | |