

# DO NOT LEAK (DNL)

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A Second Year Project Report

Submitted to the Faculty

of the

Bennett University

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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	<i>As a End User,</i>  <i>I want to be able to register online,</i>  <i>So that I can register quickly and access the service</i>	C	2	3	100%
101	Onset	<i>As a End User,</i>  <i>I want to be able to log-in online,</i>  <i>So that I can quickly access the service if i am already registered</i>	C	2	3	100%
102	Onset	<i>As a System Admin,</i>  <i>I want to be able to log-in as a admin</i>  <i>So that I can keep track of existing users and new users.</i>	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	<i>Develop a backend functionality that checks required fields are non-empty when the user clicks on register button.</i>	<b>Team member 3</b>
4	<i>Built a functionality which verifies payment from bank based on credit card details at 1.</i>	<b>Team member 4</b>
5	<i>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.</i>	<b>Team member 5</b>

## SPRINT 2

**Estimated User Story Points: 10**

**Actual Completed User Story Points: 14**

ID	Added	Description	Status	Story Points		Actual Equivalent Story Points	% Completed
200	Onset	<i><b>As a End User,</b></i>  <i><b>I want to be able to download the app from the website</b></i>  <i><b>So that I can launch the app locally</b></i>	<b>C</b>	<b>2</b>		<b>4</b>	<b>100%</b>
201	Onset	<i><b>As a End User,</b></i>  <i><b>I want to be able to query from the web-site</b></i>  <i><b>So that I can ask any query that I may face regarding the usage of the software</b></i>	<b>C</b>	<b>2</b>		<b>2</b>	<b>100%</b>
202	Onset	<i><b>As a End User,</b></i>  <i><b>I want to use the service</b></i>  <i><b>So that I can encrypt my data</b></i>	<b>C</b>	<b>4</b>		<b>6</b>	<b>100%</b>
203	Onset	<i><b>As a System Admin,</b></i>  <i><b>I want to be able to view who is registered</b></i>  <i><b>So that I can keep track of existing users and new users.</b></i>	<b>C</b>	<b>2</b>		<b>2</b>	<b>100%</b>

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	<i>As a End User, I want to use this service, So that I can secure my data connection.</i>	<b>C</b>	<b>15</b>	<b>6</b>	<b>Servers setup(33%)</b>
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.			



ID	Tasks	Resource
1	User Downstream Data Encryption setup (AES-256)	Team member 1
2	User Upstream Encryption setup (AES-256)	Team member 2
3	Incorporation of a third-party security vendor.	Team member 2