Test Planning Exercise

**Task**: Create a detailed test plan for manual/automated testing for the following Story. Include **2** test plans – **one** for the new web service, and **another** for testing the GUI that uses it.

**Story**: As a potential customer, I would like a way to create an account for the ABC 3.0 web-app.

**Acceptance Criteria:**

* Member Sign up page (www.abc.com/signup) should not have any security authorizations (page should be accessible to users who do not have access to the webapp)
* An email should be sent to the user after account creation, which should include account information
* If the email engine fails to send the user an email, the email should land in a queue to be re-attempted
* Leading/trailing spaces should be trimmed all fields at the service layer
* If the service fails to create the user account on click of the “Create Account” button, an alert should be displayed to the user at the top of center of the page, in red, stating “Our servers are experiencing an issue and your user account could not be created at this time.”

Field validations on GUI:

* Input fields present should be Email Address, First Name, Last Name, Password, and Confirm Password
* Button under these fields should display the text “Create Account”
* If the “Create Account” button is clicked without providing valid data in the email or password fields, an error should be displayed under the field, stating what went wrong
* If the API fails to create the user after clicking the

**API Contract**:

User creation and retrieval APIs:

*POST /external/user*

*Response Class (Status 201)*

*Request Body Parameters:*

* Email Address (Required, unique, and must be a valid email string > 7 chars)
* First Name (Optional, 1-50 chars)
* Last Name (Optional, 1-100 chars)
* Password (Required, 3-100 chars)

*Response Body Parameters:*

{

“id”: “32 byte UUID”

}

*GET* */user/{{userId}}*

*Response Class (Status 200)*

* userID is a required in-line parameter to retrieve user profile

GET Response Body:

{

"id": "string",

"emailAddress": "string",

"firstName": "string",

"lastName": "string",

"password": "string"

}