**User Story**

A user story is an informal, general explanation of a software feature written from the end user’s perspective. Its purpose is to articulate how a software feature will provide value to the customer.

So, what is the user perspective in the product that needs to be developed? What does the user want to be able to do?

When the user stories are identified, then, you have to write the **Acceptance Criteria**. What are these acceptance criteria? They are little predefined requirements that must be met before the User story is termed to be completed.

This means that if you have a user story, there is a set of Acceptance Criteria for instance.

**User Story:** As a Verified User, I should be able to log in, so that I can access my profile

**Acceptance Criteria**

* When a user taps on the *returning user link*, the user should be directed to the login view
* On the login page, the user shall see the login panel
* The login panel should have the Username field, password field, and login button
* The username field shall accept only email addresses
* The password field shall accept all characters except spaces
* The characters in the password field shall be masked so that it is not seen
* There shall be a visible button to allow users to see the password they have entered when they click on the button
* When the user clicks on the login button, the application shall request the backend to authenticate the username and password
* If the username and password are validated, the user shall be logged in to the dashboard
* If the username and password validation fails, the user should not be logged in
* The user shall get the message *We could not let you in because your username doesn’t exist tap on the create account button to register*
* The user shall get the message *We could not let you in because your password is incorrect*
* A user should be deactivated when the user’s password login attempt fails after 10 consecutive login failures
* A user shall be able to log in with his or her Google account

**User Story:** As a Verified user, I should be able to get a new password so that I can login again when I have forgotten my password

**Acceptance Criteria:**

* There shall be a link that a verified user can click on, to be able to get a new password when he forgets the former password he logged in with
* When a user taps on the *forgotten password link*, the information reaches the backend
* A link will be sent to the user’s email, when the user taps on the link, it will take him to the app for him to enter a new password.
* There shall be a notification below the new password input that tells the user to input *all fields except space*
* When the user enters the right password input, the Submit button shall turn green
* Once a user clicks on the submit button, an alert shall be sent to him. *Do you want your password to be saved for easier access? Click on No or Yes* after which he shall be directed to the verification page
* If the new password entered didn’t match with the given command underneath the new password input then the submit button shall turn red and won’t respond when clicked on

**User Story:** As a verified user, I should be able to sign up so that I can have an account and access my profile

**Acceptance Criteria;**

* When a user tap on the *new user link,* he will be directed to create account page
* On the Create account / Sign up page, the user shall see the Sign up panel
* The Sign up panel should have User first name, last name, email address, age, gender, password
* Password field shall accept all characters except space
* The password field should be masked so that the characters would be invisible
* There shall be a visible button on the password field, when clicked on, the user can see his password
* There shall be a Sign up button
* When a user taps on the Sign up button, his informations will be sent to the back end for identification
* And a message will be sent to the user's email for account activation, as he clicks on the activate account link, the user will be directed to the dashboard
* When next the user wants to log in, he shall input his email and password

**User Story:** As a verified user, I should be able to scan any item I want to buy so that I can verify if the item is genuine or not

**Acceptance criteria;**

* After a user gets access validation to use the app, he shall be directed to a verification page
* On the verification page, the user can scan an item by taking his camera close to the product barcode and taps on the scan button
* The name of the scanned item would appear and if the item is authentic, a message "*product verified* ” with a check (✓) will appear
* If the product is fake, then "*product unavailable*” with this sign (×) will appear
* The user shall click on the link"OK" to navigate to the Feedback page

**User Story:** As a verified user, I should be able to write comments about the item to the management so that they'd know if I'm satisfied with the product they are selling or their services

**Acceptance criteria;**

* A feedback page will appear after the verification page for comments/complaints from the users

**User story:** As a verified user, I should be able to see my scan history, so that I can easily access it anytime I want to

**Acceptance criteria;**

* There shall be a scan history page where users can see a list of items they have verified
* There shall be a search button for easy inquiry