**SOFTWARE TESTING**

1. USER REQUIREMENTS

ABOUT:

* The **user requirement**(s) document (USD) or **user requirement**(s) specification is a document usually used in software engineering that specifies what the **user** expects the software to be able to do.
* Once the required information is completely gathered it is documented in a URD, which is meant to spell out exactly what the software must do and becomes part of the contractual agreement. A customer cannot demand features not in the URD, while the developer cannot claim the product is ready if it does not meet an item of the URD.
* The URD can be used as a guide to planning cost, timetables, milestones, etc….
* As users exhaustive needs may not be covered separately by business analysts through studying and analyzing the user requirements.

These types of requirements are generally gathered and documented using

* Use cases
* User scenario
* User stories

These requirements are documented in a user requirement document (USD) format by making use of narrative text and are usually signed off by the intended users.

**USER REQUIREMENTS EXAMPLES;**

**EXAMPLE: (WHATSAPP)**

**USER CASES:**

**User ->adds contacts from contact list on phone**

**User ->sends a message to an individual**

**User ->send a message to a group**

**User ->views message history**

USER STORIES:

* **As a new user, I want to register by creating a username and password so that the system can remember me and my data.**
* **As a registered user, I want to log in with my username and password so that the system can authenticate me and I can trust it.**
* **As a registered user, I want to be able to occasionally change my password so that I can keep it secure.**
* **As a registered user, I want to be able to request a new password so that I don’t permanently lose access to my data if I forget it.**

User story format

As a < whatsapp user >,

I want < to login the whatsapp page, to change the password, send request>,

So that < I don’t forget my password >

**ACCEPTANCE CRITERIA:**

*Acceptance criteria format*

**Correctness of implementation of the user story**

**Given;** the user navigates to the login page

**When;** the user selects <forgot password> option

**Then;** the system sends the link to the entered email