**Assignment 1**

**Task 1:**

**Identify what will you test for messaging feature of WhatsApp?**

These are the points which can be tested for the messaging features of the WhatsApp.

**Sending and Receiving messages:**

* Testify that the users can send messages to individuals and groups.
* Testing the real time delivery of messages to the recipient in less time and with minimal delay.
* Checking the display of tick counts before and after the message is received to the user.
* Checking the functionality when a message is sent under low connectivity or in airplane mode.

**Group messaging and chats:**

* Checking the ability of users to create, join, or exit the groups
* Verifying that the texts sent in a group are received by all the group members
* Testing the scalability of group messages when the number of participants are large.
* Verifying that the messages sent in a group have proper name and display picture representation.

**Notifications of the messages:**

* Verifying that the user receives an instant notification of the incoming messages.
* Testing the behavior of notifications when various messages arrive simultaneously.
* Ensuring if the user has this ability to turn on or off the messages notification.
* Checking if the texts are represented appropriately when the app is running in the background.

**Storing the messages and synchronization:**

* Ensuring the synchronization of messages across various devices such as smartphones, web app, and tablets.
* Checking if the messages are stored securely and they are not accessible by any other person.
* Testing the offline messaging ability and the synchronization when the device is online again.
* Checking the scenarios when read receipts are turned off.

**Forwarding and Deleting:**

* Testing the ability to forward the texts to other individuals or groups.
* Ensuring that the messages deleted for everyone are removed from both the sender and receiver device.
* Checking if there is any limitation of number of times a message can be forwarded.

**Link Previews and URLs:**

* Checking the previews of links and URLs which have images or meta data.
* Ensuring the proper handling of URLs and the pages to which they lead.

**Security and encryption:**

* Checking if the messages are encrypted properly and channel of communication is secure.
* Verifying that any kind of data shared in the chats are properly accessible to only authorized persons or not.
* Testing any vulnerabilities regarding the texts interception.

**Accessibility and Usability:**

* Test the usability for the users with any kind of disabilities like voice commands.

**Task 2:**

**Identify what will you test for LinkedIn feed?**

These are the requirements which can be checked for LinkedIn feed.

**Content Relevancy and Display:**

* Checking if diverse range of posts including group posts, individual posts, and promoted content is shown.
* Validating the algorithm which determine the order and relevancy for displaying the posts.

**Interaction with posts:**

Checking if the user is able to like, comment, and share the posts easily.

Validating that the post owner is receiving notifications of all these interactions.

**Privacy and Visibility:**

Ensuring that the user is able to hide content from specific people or group of people for their privacy.

Checking that the posts from the blocked or muted individuals are not shown on the feed of the user.

**Multimedia Handling:**

* Testing the functionality and display of various multimedia including videos, images, documents, and blogs on the feed.

**Preview of external contents:**

* Check if the links shared externally have proper previews in feed or not.
* Validating that the link shared should only lead to the right address.

**Keywords and Hashtags:**

* Test the behavior and engagement of hashtags used and how they impact the posts.
* Relevant hashtags should lead to the relevant posts or topics.

**Sorting and Filtering:**

* Checking that if the posts can be filtered depending upon the interests of the user or not.
* Ensuring proper working of the sorting options available.

**Feed Performance:**

* Ensuring that the feed is loaded easily and smoothly.
* Ensuring that it has a large number of relevant posts.

**Usability and Accessibility:**

* User with disabilities should be able to have guidance like keyboard Navigation and screen readers.
* Ensure that the user interface is easy to use.

**Task 3:**

[**https://demo.vuestorefront.io**](https://demo.vuestorefront.io/)

This is an ecommerce clothing and accessories website. The visitors can see various categories of men and women clothes, shoes, bags and so on. The users can search for the items of their interest or simply scroll the site to see the items to buy. Following are possible functionalities of this websites.

**Listing and Searching of Products:**

The website is allowing user to search their relevant products and sot them with respect to price, size, and colors.

**Product Specific Page:**

The user is able to see a different page for every product with images, price, size, and customer reviews.

**Shopping Cart:**

The user is able to add products of his choice to cart before checkout and buying.

**Checkout:**

The website is supporting a typically safe and secure checkout process, allowing the customers to enter the shipping details, and make the payments as well.

**Categories:**

Users are able to switch to relevant categories from the main page.

**Task 4:**

[**https://thedemosite.co.uk/**](https://thedemosite.co.uk/)

This a website which shows various blogs to the readers about Web3. Web3 is the next generation of internet with decentralized approach.

**Contact and message:**

This website is allowing the visitors to enter their name, contact info, and message that they want to leave.

**Blogs:**

The website is allowing the visitors to click and read different blogs available on its pages.

**Privacy Policy:**

The user can read the privacy policy of this website by clicking on the text given at the bottom of front page.

**Next Page:**

On clicking the number of page at the bottom, the website is directed towards the respective page.

**About Us Page:**

On clicking this page, the visitor is directed towards an empty page.

**Read More Page:**

The read more page doesn’t have anything and it is empty.