Software Testing Assignment

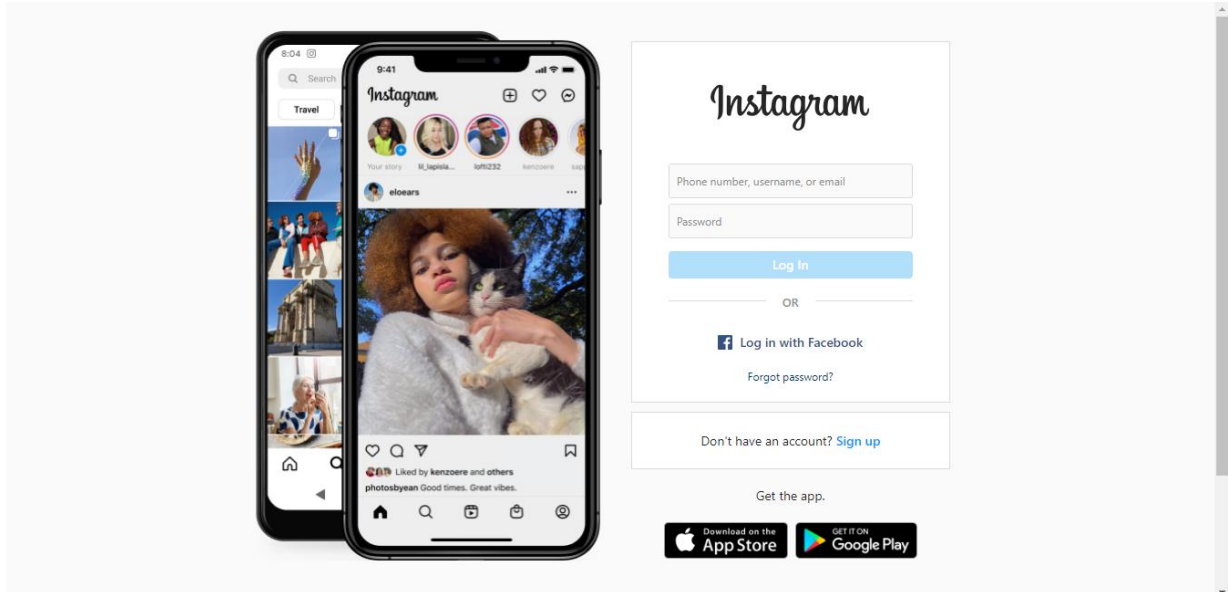## Module–1(Fundamental)

- What is SDLC

- What is agile methodology?

- What is SRS

- What is oops

- Write Basic Concepts of oops

- What is object

- What is class

- What is encapsulation

- What is inheritance

- What is polymorphism

- What is RDBMS

- What is SQL

- Write SQL Commands

- Draw Usecase on Online book shopping

- Draw Usecase on online bill payment system (paytm)

- Write SDLC phases with basic introduction

- Explain Phases of the waterfall model

- Write phases of spiral model

- Write agile manifesto principles

- What is join?

- Write type of joins.

- Explain working methodology of agile model and also write pros and cons.

- Draw usecase on Online shopping product using COD.

- Draw usecase on Online shopping product using payment gateway.

Module–2(Manual Testing)

- What is software testing?

- What is Exploratory Testing?

- What is traceability matrix?

- What is Boundary value testing?

- What is Equivalence partitioning testing?

- What is Integration testing?

- What determines the level of risk?

- What is Alpha testing?

- What is beta testing?

- What is component testing?

- What is functional system testing?

- What is Non-Functional Testing?

- What is GUI Testing?

- What is Adhoc testing?

- What is white box testing and list the types of white box testing?

- What is black box testing? What are the different black box testing techniques?

- Mention what are the categories of defects?

- Mention what bigbang testing is?

- What is the purpose of exit criteria?

- When should "Regression Testing" be performed?

- What is 7 key principles? Explain in detail?

- Difference between QA v/s QC v/s Tester

- Difference between Smoke and Sanity?

- Difference between verification and Validation

- Explain types of Performance testing.

- What is Error, Defect, Bug and failure?

- Difference between Priority and Severity

- What is Bug Life Cycle?

- Explain the difference between Functional testing and NonFunctional testing

- To create HLR & TestCase of

1)(Instagram , Facebook) only first page

2) Facebook Login Page : https://www.facebook.com/

- What is the difference between the STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle)?

- What is the difference between test scenarios, test cases, and test script?

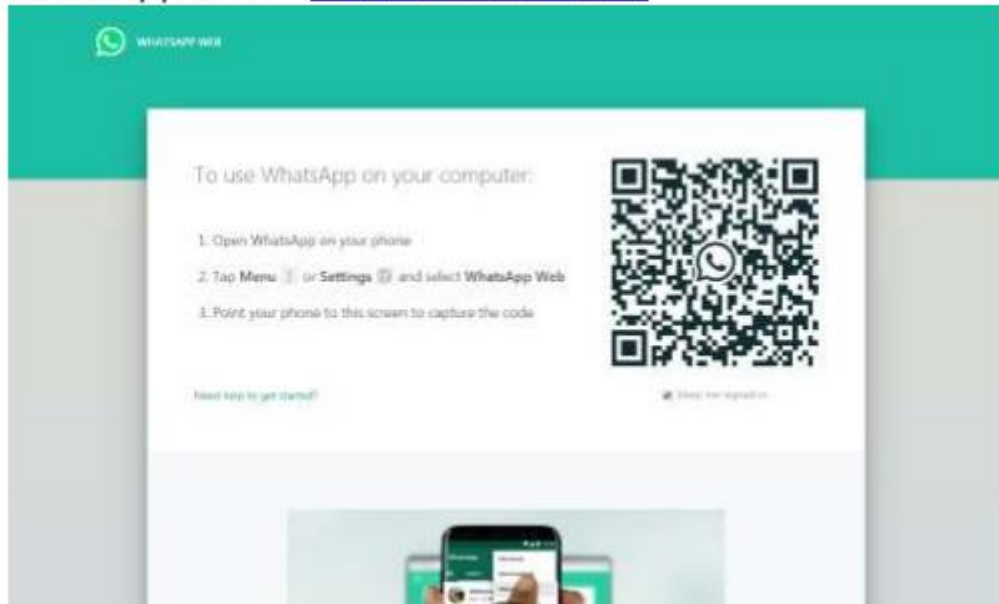- Explain what Test Plan is? What is the information that should be covered.

What are the different Methodologies in Agile Development Model?

Explain the difference between Authorization and Authentication in Web testing.

What are the common problems faced in Web testing?

A32. To create HLR & TestCase of WebBased (WhatsApp web , Instagram) 1. WhatsApp Web : https://web.whatsapp.com/

- To create HLR and TestCase on this Link. https://artoftesting.com/

Keep in touch |

Reach us for query or concern regarding any post on ArtOfTesting, we will try our best to resolve your query.

Name

Email

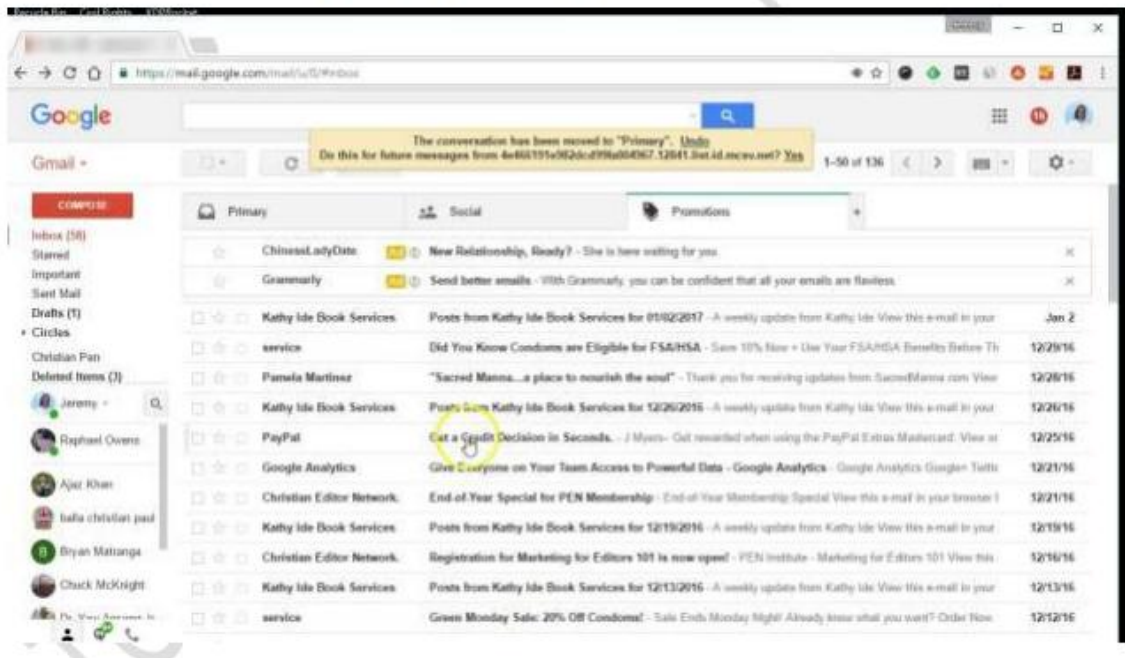| Subject |
|---------|

Message

SEND MESSAGE

Module 3 (Context Based Testing)

- What is load testing?

- What is stress Testing?

- Write a scenario of only Whatsapp chat messages

- Write a Scenario of Pen

- Write a Scenario of Pen Stand

- Write a Scenario of Door

- Write a Scenario of ATM

- When to used Usablity Testing?

- What is the procedure for GUI Testing?

- Write a scenario of Microwave Owen

- Write a scenario of Coffee vending Machine

- Write a scenario of chair
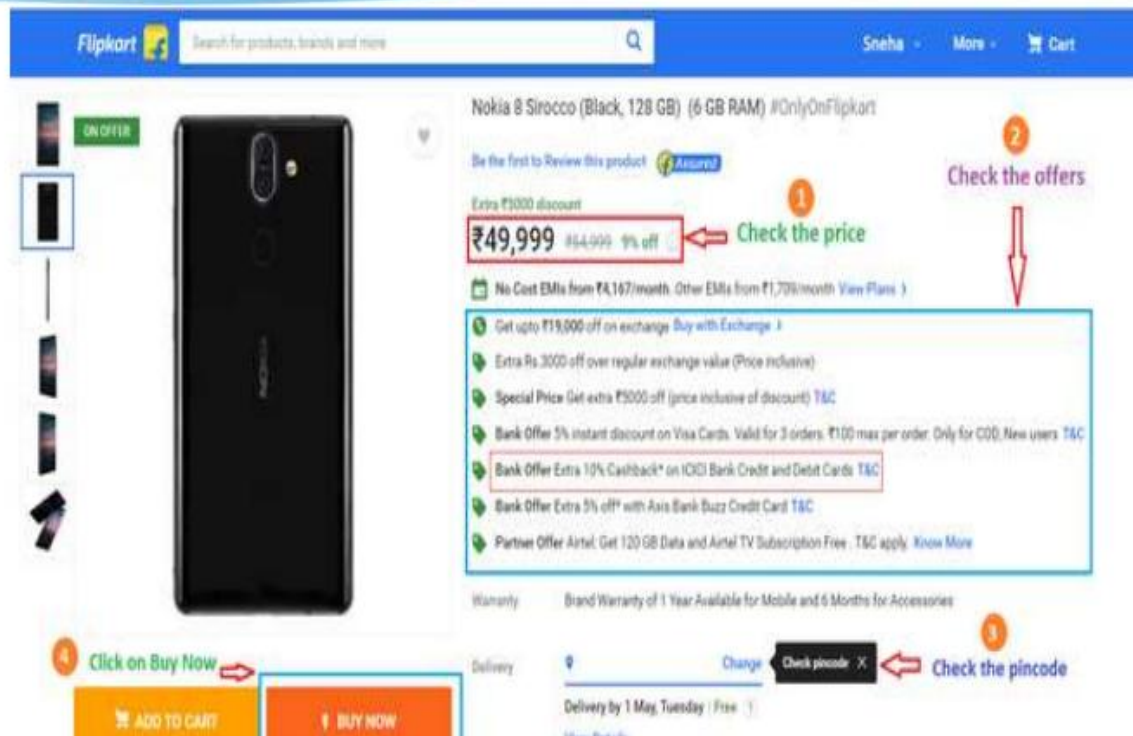
- To Create Scenario (Positive & Negative)
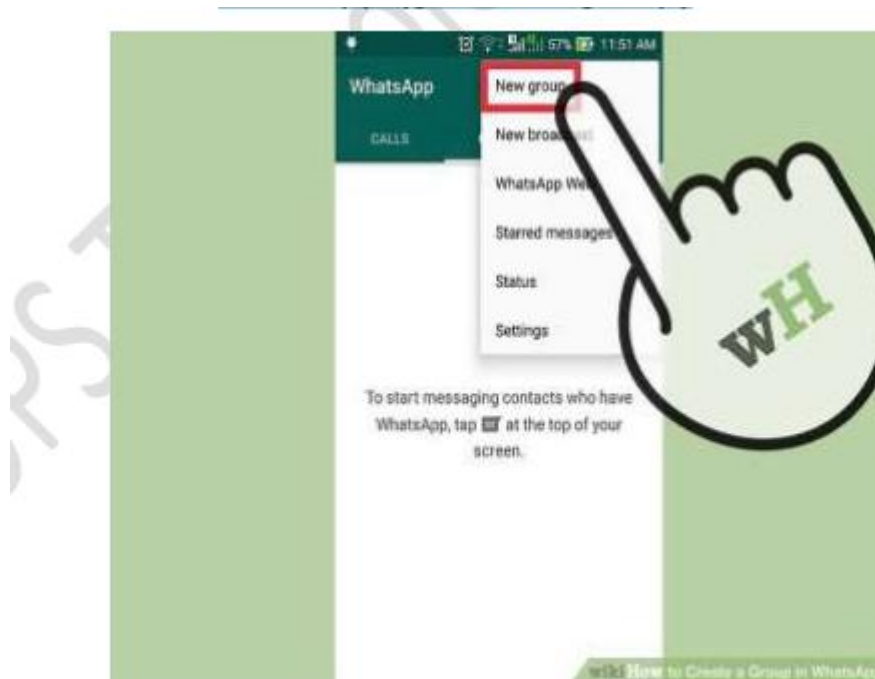
1. facebook Chat on Mobile

2. Gmail (Receiving mail)

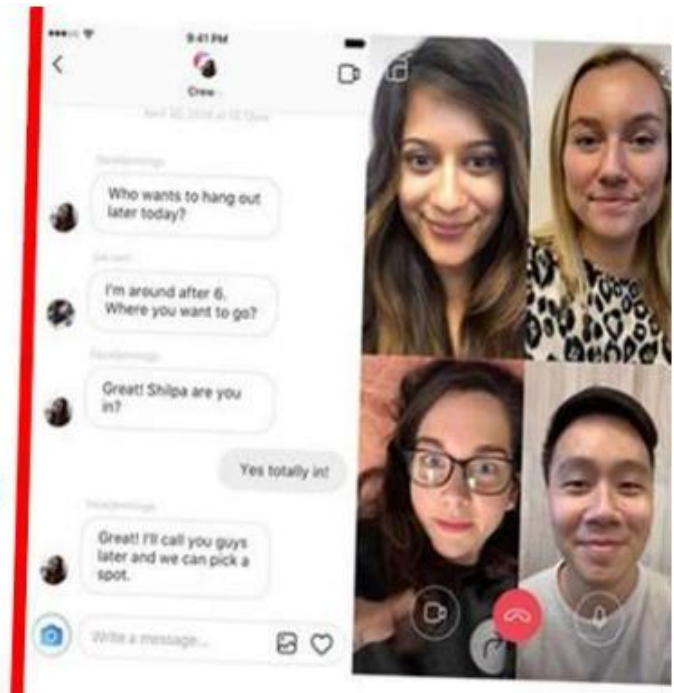3. Online shopping to buy product (flipkart)

- Write a Scenario of Wrist Watch

- Write a Scenario of Lift(Elevator)

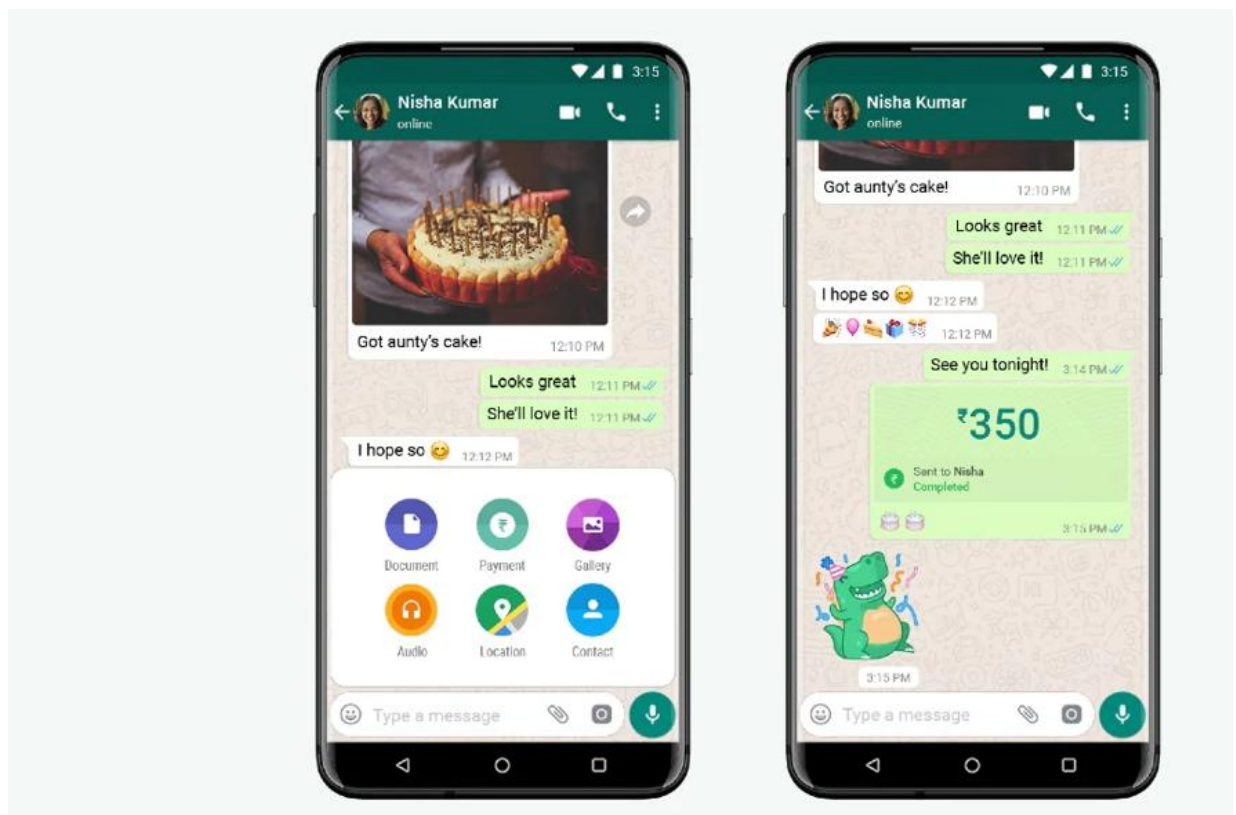- Write a Scenario of whatsapp Group (generate group)

- Write a Scenario of instagram (video call with chat)

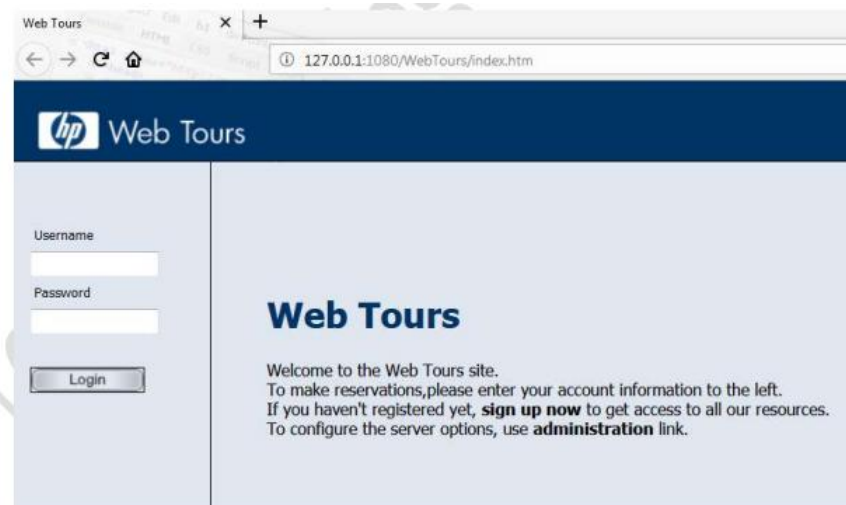- Write a Scenario of Whatsapp payment

Module -4(Defect Tracking)

- What is priority?

- What is severity?

- Bug categories are…

- Advantage of Bugzila .

- Difference between priority and severity

Module-5 (Load Runner Up and Selenium IDE)

- Which components have you used in Load Runner?

- How can you set the number of Vusers in Load Runner?

- What is Correlation?

- What is the process for developing a Vuser Script?

- How Load Runner interacts with the application?

- How many VUsers are required for load testing?

- What is the relationship between Response Time and Throughput?

- What is the difference between hits/second and requests/second?

- To test the Performance testing on "Tops Technologies website" :- https://www.tops-int.com/

    1. to Record all top level menu

    2. to Record minimum 10 Vuser on this website

    3. save all (Script,Design,Graph)

- create a normal script of above website with correlate using hp default website.

Username= jojo
Password = bean

(Selenium IDE)

- What is Automation Testing?

- Which Are The Browsers Supported By Selenium Ide?

- What are the benefits of Automation Testing?

- What are the advantages of Selenium?

- Why testers should opt for Selenium and not QTP?

- To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" https://www.tops-int.com/contact-us/

- To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" https://www.tops-int.com/contact-us/

  1. To use assert

  2. To use click and wait

  3. To use locators

  4. To use other command