**Homework 6 Ankur Jain Submit to:** [**Homework@PeopleNTech.Com**](mailto:Homework@PeopleNTech.Com)

**Subject of Email: “AnkurJain\_StudentID \_First Name, Last Name – Homework 6”**

**TOPICS: SDLC, Basic of Engineering, Jira/Agile/Scrum Master, Manual Testing/ QC/ALM, Methodologies**

**Deadline : Jan 20th**

**---Google Search ---**

**Please create test steps in ALM for the below test cases & run.**

**Please create a report in ALM and send me back with defects, test steps, test cases.**

**Front End - UI Test Cases of Google Search :**

1. Verify that Google Logo is present and center aligned

2. Verify that the search textbox is center aligned and editable

3. Verify that search request should get hit by clicking on search button or hitting enter after writing the search term

4. Verify that in the search result- webpage's title, URL and description are present

5. Verify that clicking the search result will lead to the corresponding web page

6. Verify that pagination is present in case number of results are greater than the maximum results allowed in a page

7. Verify that user can navigate to a page number directly or move to previous or next page using the links present

8. Verify that different languages links are present and gets applied on clicking the same

9. Verify that the total number of results for the keyword is displayed

10. Verify that the time taken to fetch the result is displayed

**Test Cases for TV (Optional)**

1. Verify the dimensions of the TV - length, breadth and height are as per the specifications

2. Check the TV technology type - LED, LCD etc.

3. Verify that the screen resolution of the TV is as per the specifications

4. Check the material used for outer body of TV

5. Check the material used for screen of TV

6. Verify that on supplying specified power supply, TV gets switched on after pressing 'Power' button

7. Verify that all the buttons on TV perform there functioning correctly

8. Verify that TV screen clearly displays videos

9. Verify that audio of TV is audible without any noise

10. Verify that buttons in TV have clearly visible labels indicating their functionality

11. Verify that buttons in TV function correctly when pressed

12. Verify that remote's signal receiver receives signal within a specified range

**Test Cases of Triangle – (Optional)**

1. Verify that the figure is closed (polygon).

2. Verify that the figure is two-dimensional and formed with straight lines only.

3. Verify that the figure has exactly three sides.

4. Verify that the figure has exactly three vertices.

5. Verify that the sum of the angles of the figure is 180 degrees.

6. Verify that no two sides are perpendicular to each other

7. Verify that the sum of the length of two sides of the triangle should be greater than length of the third side

8. Verify that no two angles of triangle have 90 degree and above value.

9. Verify the type of triangle is as per the specification, based on its sides - scalene, isosceles or equilateral.

10. Verify the type of triangle is as per the specification, based on its angles - acute angle, obtuse angle or right angled triangle.