**AUTOMATION GROUP FINAL PROJECT**

**PROJECT SET -A**

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**A. DIRECTION:**

**1. GENERAL:**

* TOTAL: 100 POINTS
* PASS >=75 POINTS
* FAIL<75 POINTS
* **ADOPTING PAGE OBJECT MODEL: BONUS 10 POINTS**
* APPLICATION UNDER TEST: www.honest.com

**2. TEAMS:**

* LISTED MEMBERS:
* HAMZA, RUMU, QUAZI, BABLU [PROJECT SET -A]
* SAIFUL, RAJU, MINAR, MOSHIUR [PROJECT SET -B]
* PLEASE GROUP YOURSELVES IN TWO TEAMS, EACH TEAM WITH 3 MEMBERS. YOU GUYS ARE FREE TO MATCH ACCRODING TO YOUR CONVENIENCES.

**3. FRAMEWORK REQUIREMENTS:**

* LANGUAGE: JAVA
* AUTOMATION API: SELENIUM WEB-DRIVER AND GRID
* JAVA LANGUAGE SPECIFIC AUTOMATION FRAMEWORK: TESTNG
* ARCHITECHTURAL FRAMWORK:

REQUIRED: DATA-DRIVEN

BONUS: PAGE OBJECT MODEL

**4. INCLUSIONS:**

* VALIDATION AND CHECKPOINTS
* EXCEPTION HANDLING MUST BE THERE
* SNAPSHOT IF EXCEPTION HAPPENS
* USE PROPER SYNCHRONIZATION (WAIT)
* LOG FILES
* TESTNG DATAPROVIDER
* BUILD ENVIRONMENT: ANT
* BUILD CONFIGURATION: BUILD.XML
* REMOTE REPOSITORY: GITHUB
* CLIENT REPOSITORY: GIT
* CONTINUOUS INTEGRATION OF THE BUILDS: JENKINS

**5. SCENARIOS AND TEST CASES RECORDING:**

* USE EXCEL SHEET
* REQUIRE THE TOP HIERARCHY TO BE 'SCENARIO' THAT IS EQUIVALENT TO USE CASE
* REQUIRE MANUAL TEST CASES UNDER EACH SCENARIO
* TEST CASE ONLY REQUIRES TEST\_CASE NAME, EXPECTED RESULTS, ACTUAL RESULTS, INPUT DATA, COMMENTS (IF TEST CASE OT SCRIPT FAILS)
* NO STEPS NECESSARY AS YOU WILL DO THE SUTOMATION
* LOG THE ACTUAL RESULTS ONCE AUTOMATION IS DONE; ONLY NEED TO MENTION: 'AS EXPECTED' OR 'NOT AS EXPECTED'
* IF A TEST CASE FAILS OR IF YOUR SCRIPT FAILS TO RUN INPUT DETAILS ON COMMENT SECTION
* IF YOU HAVE LOGGED ANY INPUT DATA FOR A TEST CASE IN YOUR EXCEL SHEET, THEN USE THE INPUT DATA FOR PARAMETERIZATION IN YOUR TEST AUTOMATION FRAMEWORK

**B. USE CASES:**

1.**HEADER\_NAVIGATION\_CLICK:** USER CLICKS FIVE OF THE HEADER ELEMENTS TO VERIFY IF THOSE ARE REACHING TO THE EXPECTED LOCATION. **7 POINTS**

2. **FOOTER\_NAVIGATION\_CLICK:** USER CLICKS ON FIVE OF THE FOOTER ELEMENTS TO VERIFY IF THOSE ARE REACHING TO THE EXPECTED LOCATION. **7 POINTS**

3. **NAVIGATION\_HOVER:** USER HOVERS OVER 3 HEADER ITEMS. AS THE SUMMENU APPEARS, USER OBSERVES THAT ONE OF THE SUBMENU HAS THE STRING "new" AND ONE OF THE OTHERS CONTAINS THE STRING "Best Deals." USER CLICKS ONE OF THE THOSE SUBMENU ITEMS AND GETS BACK TO THE MENU ITEM. **5 POINTS**

4. **CREATE\_ACCOUNT:** USER CREATES AN ACCOUNT WITH VALID AND INVALID DATA.

**5 POINTS**

5. **SIGN\_IN:** USER SIGNS-IN WITH VALID AND WITH INVALID DATA. **5 POINTS**

6. **VIDEO\_JESSICA\_ALBA:** USER PERFORMS THE FOLLOWING: **15 POINTS**

Click to play the video

Pause the video after playing 15 seconds for 10 seconds

Start playing the video again

Play the video in mute, un-mute, and then increase the volume, and then again decrease the volume

Play the video in full-screen

Click to stop the video

7. **PERSONAL\_CARE\_NAVIGATION:** AMONG THE HEADER ELEMENTS, USER CLICKS ON "PERSONAL CARE." IN THE NEXT PAGE, USER SELECTS AND CLICKS ON "HONEST FEMININE CARE IS HERE." THEN THE USER CLICKS ON "SHOP NOW." **5 POINTS**

8. **MAIN\_SEARCH:** USER PERFORMS A SEARCH FROM THE MAIN SEARCH BOX AND SELECTS ONE ITEM FROM THE DROP-DOWN. **4 POINTS**

9. **CLEANING\_NAVIGATION:** USER CLICKS ON HEADER ELEMENT "CLEANING" AND SELECTS "DISH SOAP ."ON THE RIGHT SIDE, THERE IS A QUANITY BOX . USER INCREASES THE QUANTITY TO 5. USER CLICKS ON THE "SCENT" DROP-DOWN. USER OBSERVES THAT IF SHE SELCTS "LEMON VERBENA", THE COLOR OF THE PRODUCT-IMAGE ON THE LEFT CHANGES. **7 POINTS**

# 10.FEEDING\_NAVIGATION: USER CLICKS ON HEADER ELEMENT "FEEDING." USER SEES A CONTAINER-IMAGE DROPS WITH AN INFANT'S PICTURE AND SOME TEXTS " Welcome to a new conversation." USER CLICKS ON THE "x" MARKS ON TOP-RIGHT CORNER OF THE CONTAINER -IMAGE. USER SELECTS "Our commitment to Health Feeding." 5 POINTS

11.**GIFT\_NAVIGATION:** USER CLICKS ON HEADER ELEMENT "GIFT." USER CLICKS ON ARROW-BUTTON TO THE RIGHT. USER SELECTS INPUTS AN "AMOUNT IN THE "CUSTOM AMOUNT" MORE THAN $500.00. USER POINTS THE MOUSE ON "Buy Now" BUTTON . USER OBSERVES A POP-UP "Please choose an Amount more than $10 or less than $500. **7 POINTS**

12.**PRESS\_IMAGE\_SELECT:** USER CLICKS ON FOOTER "PRESS." USER SELECTS AN IMAGE "The 100 Most Creative People in Business." **5 POINTS**

13. **LINKS\_TOTAL\_COUNT\_AND\_PRINT\_LINKS:** USER TAKES THE TOTAL COUNT OF THE LINKS IN THE WEB PAGE AND PRINTS THEM ALL. USERS ALSO SELECTS 'nTh' IMAGE. 8 **POINTS**

14.**SIGN\_IN\_FUNNEL\_NAVIGATION:** USER PERFORMS END-TO-END NAVIGATION FROM SIGN-IN TO CHECK-OUT WITH "FREE-TRIAL."

**15 POINTS**