

The objective of this assignment is for Astro to review and rate the approach taken, and script used to generate a successful QA test.

Completeness and compliance to the test cases is key. Please do comment if/when necessary to demonstrate understanding of the intent of test.

TASK:

Please develop an automated script based on the scope of work described in the assignment levels below (level 1-3), using the URLs provided, within the given time to complete the assignment (or 1 week– whichever is shorter). note:

1. All scripts must be accompanied by release notes that include citations of any resource, tools or frameworks used in the build.
2. Scripts must not contain any proprietary third-party code or components which would prevent Astro retaining the right to store or run the app.
3. Tester cannot claim any rights in perpetuity against MEASAT Broadcast Network Systems Sdn. Bhd (Astro) for any submitted material.
4. Based on the time given for this assignment a Candidate may attempt all 3 assignment levels, or opt to work on level 1 or 1 and 2.
 - a. Hint: you will be asked why you chose how many levels you attempted
5. Unless asked otherwise all assignment materials are to be returned within 7 days (168 hours) of receipt of this assignment; regardless on when the assignment review is to be conducted.
6. Credentials to access the servers/services will need to be handed over at time of submission
7. Candidates may use common / default or public templates of Selenium or Appium.

QA Assignment Level 1 - Software to use: Selenium

1. To test the performance and loading time of a website
 - a. Load www.astro.com.my
 - b. Verify the page loads within .1 seconds — capture failure; but go to next step (skip any loading page that appears and go to main website)
 - c. Verify the page loads within 5 seconds
 - d. Verify the page loads completely without error
 - i. Hint; HTML may contain standard text within the footer that can be used as indicator
 - e. Ensure none of the links within this page results in a non-200 header response
 - i. iterate through all URLs including those not
 - f. For every step above capture the output and response times.

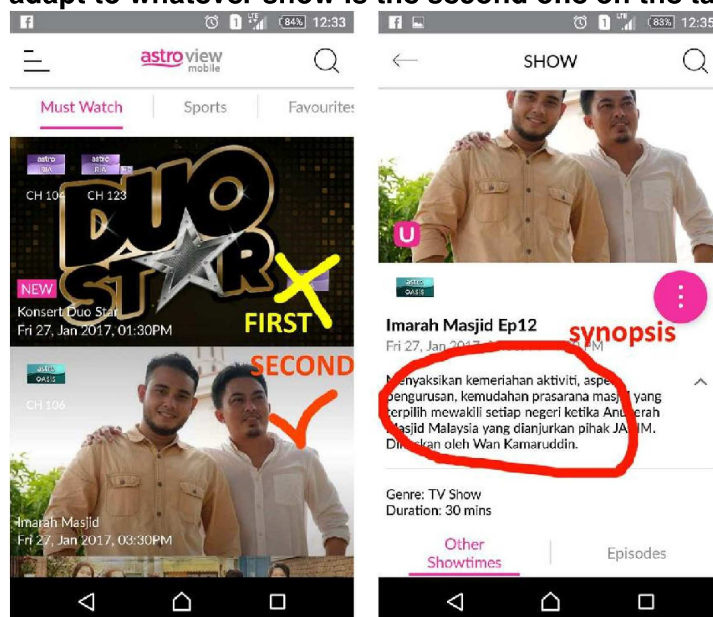
QA Assignment Level 2 - Software to use: Selenium

1. All above; plus
2. Open two ecommerce websites say amazon.com and ebay.com (or any other E-Commerce website available at your respective location).
3. Search for “iPhone7” on the website and validate that the result is shown for the mentioned product
4. Now, combine the outputs of both the websites and display the result in ascending order of price.
5. The output should consist of the following info: Name of the Website, Name of the product, Price of the product and Link to the product.
6. You can print the output in any reporter of your choice or even in the console.

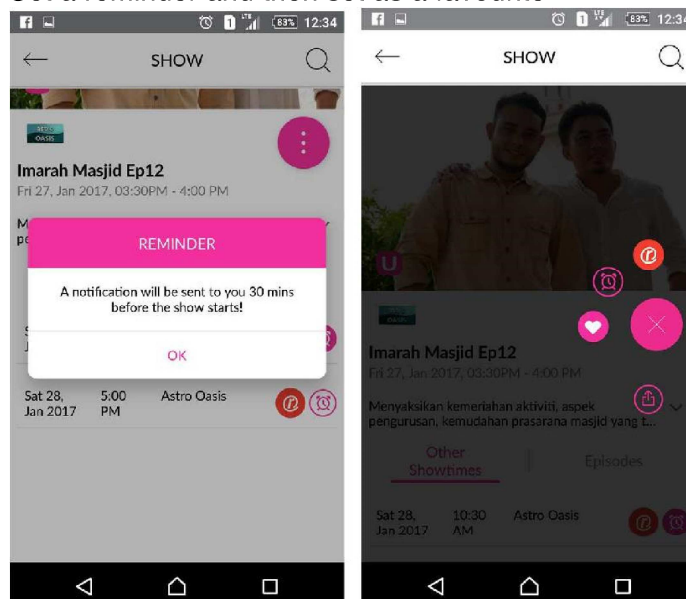
QA Assignment Level 3 (Mobile) – Software to use: Appium

1. All the above; plus
2. Download AstroView Mobile
 - a. <https://play.google.com/store/apps/details?id=com.astro.astroview>
 - b. <https://itunes.apple.com/my/app/astro-view-mobile/id698080879>
3. Use the validated account in Assignment level 2 to login
4. Go to the second content on Must Watch tab

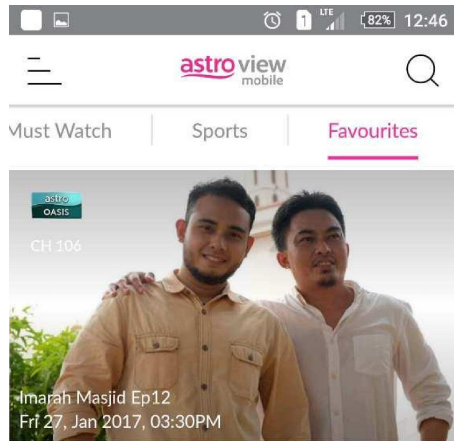
Note: The show can be different from the screenshot. You need to adapt to whatever show is the second one on the tab.



5. Count the synopsis text to ensure more than 50 characters
6. Set a reminder and then set as a favourite



7. Go to favourites



8. Ensure this exact show available
9. Remove this show from favourites
10. Ensure this exact show is no longer available
11. Set test to repeat every hour