**MANUAL QA**

***Homework - Lesson 16***

**Student Name:** Mario Lima

***Beet Seed — get the basic skills down.***

* ***Test the UI/UX functionality of the “***[***Petsmart***](https://www.petsmart.com/)***” website on a mobile device.***
* ***Create 5 corresponding bug reports in any document.***
* ***Add the document to LMS.***

[***https://mariolimaacebey.atlassian.net/browse/PRC-4***](https://mariolimaacebey.atlassian.net/browse/PRC-4)

[***https://mariolimaacebey.atlassian.net/browse/PRC-5***](https://mariolimaacebey.atlassian.net/browse/PRC-5)

[***https://mariolimaacebey.atlassian.net/browse/PRC-6***](https://mariolimaacebey.atlassian.net/browse/PRC-6)

[***https://mariolimaacebey.atlassian.net/browse/PRC-7***](https://mariolimaacebey.atlassian.net/browse/PRC-7)

[***https://mariolimaacebey.atlassian.net/browse/PRC-8***](https://mariolimaacebey.atlassian.net/browse/PRC-8)

***Beet Sprout — dive deeper into practice.***

* ***Complete the previous level's task.***
* [***Download Android Studio and SDK tools***](https://developer.android.com/studio) ***following the link.***
* ***Launch the Emulator using*** [***the instruction***](https://developer.android.com/studio/run/emulator)***.***
* ***Find 3 bugs on the “***[***VolkswagenParts***](https://www.vwparts.nyc/)***” website. Add their bug reports to the document from the previous level.  
  In the bug reports, place screenshots/videos showing that the testing was performed from the emulator.***
* ***Add the document to LMS.***

[***https://mariolimaacebey.atlassian.net/browse/PRC-1***](https://mariolimaacebey.atlassian.net/browse/PRC-1)

[***https://mariolimaacebey.atlassian.net/browse/PRC-2***](https://mariolimaacebey.atlassian.net/browse/PRC-2)

[***https://mariolimaacebey.atlassian.net/browse/PRC-3***](https://mariolimaacebey.atlassian.net/browse/PRC-3)

***Mighty Beet: get an all-round topics coverage by completing level three of the home assignment:***

| * ***Complete the tasks of the previous two levels.*** * ***Install the “Instagram” app to your mobile device.*** * ***Create a checklist for testing this app with sections for different types of testing. 3.1 The checklist should contain at least 4 types of testing and at least 5 tests of each type.*** |
| --- |

1. **Functional Testing**
   1. ***Registration and Login***

* Verify that a new user can register for an account
* Verify that an existing user can log in to their account
* Verify that the user can recover their password if they forget it
* Verify that the user can log out of their account
* Verify that the user's login credentials are securely stored and transmitted
  1. ***Profile and Posting***
* Verify that the user can create a profile and add basic information
* Verify that the user can create a new post and upload images or videos
* Verify that the user can edit or delete their own posts
* Verify that the user can view their own profile and others' profiles
* Verify that the user's content is displayed properly on different devices and screen sizes
  1. ***Searching and Following***
* Verify that the user can search for other users, posts, or hashtags
* Verify that the user can follow or unfollow other users
* Verify that the user can explore content based on their interests or activity
  1. ***Messaging and Interaction***
* Verify that the user can send and receive direct messages with other users
* Verify that the user can comment on other users' posts and respond to comments on their own posts
* Verify that the user can like or save other users' posts
* Verify that the user can report or block inappropriate content or users

1. **Performance Testing**
   1. ***Load Testing***

* Verify that the app can handle many simultaneous users or requests
* Verify that the app's response time is fast enough for the user's expectations
* Verify that the app's performance is consistent across different locations or network conditions
  1. ***Stress Testing***
* Verify that the app can handle unexpected errors
* Verify that the app's data and user information are backed up and recoverable in case of failure

1. **Usability Testing**
   1. ***User Interface and Navigation***

* Verify that the app's interface is intuitive and easy to use for the target audience
* Verify that the app's navigation is clear and consistent across different screens and features
* Verify that the app's icons, buttons, and labels are understandable and consistent with user expectations
* Verify that the app's typography, colors, and visuals are pleasing and accessible
  1. ***Accessibility and Localization***
* Verify that the app's content and language are appropriate and understandable for the target audience
* Verify that the app's translations and localizations are accurate and culturally appropriate
* Verify that the app’s multimedia content is accessible and compatible with different devices or assistive technologies

1. **Security Testing**
   1. ***Authentication and Authorization***

* Verify that the app's authentication methods are secure.
* Verify that the app's authorization prevents unauthorized access to sensitive data
* Verify that the app's user data storage is secure
  1. ***Vulnerability Testing***
* Verify that the app's file upload and download functions are secure and prevent malicious uploads or downloads
* Verify that the app's error messages and logs do not reveal sensitive information or expose potential vulnerabilities
* Verify that the app's security measures are updated with evolving threats