**Task 2: General Questions**

Question 1

For the Sign Up form you have been testing against, we want to add in social sign up, from services

such as Github / Facebook etc. Given the notice that a new feature is coming:

A. What steps would you take to ensure we have full coverage of this new feature?

**Answer:**

* This new “Sign up” feature will be heavily depending on third party API service. API Testing will be a part of testing to make sure supported social service API is in working order.
* Start writing manual test cases. We can use test cases of existing sign up feature and if available, use cases of different user scenario which will ensure we have tested all possible cases.

B. Once the feature is delivered to our development environment, how long would you need to

implement this full coverage?

**Answer:**

* I understand here question is feature is delivered to QA environment (not in dev environment) for testing.
* I cannot say exactly whether it will take 2/3 days as it depends on Resources, Deadline etc… However, I would estimation at least 1 week it will take to implement coverage. Howe

C. What risks do you see with this change?

**Answer:**

* As new feature is added there is always a risk of affecting to existing features. All existing feature related to sign up should work as it is. As it is 3rd party service integration with user data, and security is most imp risk.

Question 2

One system we have is very much focused around dragging items from a left menu, and building up a series of tasks, please see a screenshot on the next page. Our current testing automation setup does not support this kind of interaction. What technical approach would you take to ensure we had

100% coverage for this type of system and feature?

**Answer:**

With Selenium we can use Action class which has methods such as Drag and Drop.

If it is suitable, we can also use Robot class with which we can fire keyboard events.

We can also use Third party tool – AutoIt. It uses a combination of simulated keystrokes, mouse movement and window/control manipulation in order to automate tasks.