Hello QA Team,

Thanks for the opportunity, sorry for the delay I couldn’t find time to do it last week as I was busy with my routine. Below are details related to my work on the assignment.

**Tools &Technologies:**

* **BDD- Cucumber**
* **Programming Language – Java,javascript**
* **Tools– selenium , postman**

**UI Automation Framework:**

* Mostly avoided hard coding and implemented more reusability
* Methods are written to find more reusability
* Tests will work for any data which satisfies the gherkin line
* Core methods like calendar date selection, type ahead selection etc., are created as utility in order to serve command needs
* Screen shots are appended after each step in hooks(can find it in report), can improvise based on your ask if required

**Procedure to Run :**

* Download the project and run as maven project or run directly in eclipse
  + For maven
    - mvn test -Dbrowser="chrome" -Durl="https://www.**duckduckgo**.com" -Dcucumber.options="--tags @**duckDuckGO**"
    - mvn test -Dbrowser="chrome" -Durl="https://www.**expedia**.com" -Dcucumber.options="--tags @**ExpecdiaSearch**"
* If want to test with more data, please add in examples in feature file (Feature Files folder is folder name)
* Two run reports are pushed to bitbucket , please download the complete folder and view as html, used cucumber masterthought library.
  + Screen shots are available with in each step
* Frame flow is like Feature Files(Gherkin)->Step Definition->POM->custom driver functions
  + Utilities ,runners and hooks are available

**API test:**

* Sorry I am familiar with API automation using different java libraries, here I completed my first postman test using my javascript knowledge , hope I have done the job.
* Placed the collection json(**SiteCoreTest.postman\_collection.json**) in **REPORTS** folder in the UI automation project