Swagger API Solution steps:

API Link: <https://petstore.swagger.io>

**Step 1**: Write manual test cases for 8 requests.

**Step 2**: Automate manual test cases in postman in tests part.

**Step 3**: Prepare test data in separated csv file to be re-configurable and run the same request many times with different data [for user creation requests].

**Step 4**: Install newman , newman reporter

npm install -g newman

npm install -g newman-reporter-htmlextra

**Step 5**: Run using newman from cmd

[**newman run UsersSwaggerAPI.postman\_collection.json –d TestData.csv –reporters=cli,htmlextra** ]

, Then check the generated report on newman folder with collection folder.

**Step 6**: Check report saved inside the folder where Newman was executed, inside a folder called Newman

**Step 7**: Running from Jenkins steps:

1. Install java.
2. Install Jenkins.
3. Create new item.
4. Change build setup to run command from windows.
5. Enter the below commands in build cmd section.

**cd C:\Users\Hend\Desktop\TASKAPI\Assignment2\node\_modules\newman**

**C:\Users\Hend\AppData\Roaming\npm\newman run UsersSwaggerAPI.postman\_collection.json –d TestData.csv**