Below are instructions on completing our automation challenge.

Please note: Your starting point should be https://stage.stadiumgoods.cloud

Our QA environment utilizes basic HTTP auth:

username: stadium

password: goods2018!

Part 1:

1. Create a simple POI data-driven Framework for the login
page.(https://stage.stadiumgoods.cloud/customer/account/login/)
   - Test Data is given in excel (Please use attached data sheet)
   - Validate if the user is able to login using the user credentials.

2. Please verify the number of categories available on the header and select a random category from them. In the randomly selected Product listing page/Category page, sort the product by "price" with "Low to High".

Write a test to verify that products are sorted properly in Product Listing page/Category page.

Part 2:

EndPoint: https://pokeapi.co/api/v2/pokemon/{pokemon_name}/

Authentication: None

pokemon_name	abilities.ability.name	abilities.ability.url	abilities.is_hidden	abilities.slot
pikachu	static	https://pokeapi.co/api/v2/ability/31/	TRUE	3
	lightning-rod	https://pokeapi.co/api/v2/ability/9/	FALSE	1
snorlax	gluttony	https://pokeapi.co/api/v2/ability/82/	TRUE	1
	thick-fat	https://pokeapi.co/api/v2/ability/47/	FALSE	2
	immunity	https://pokeapi.co/api/v2/ability/17/	FALSE	3
charizard	solar-power	https://pokeapi.co/api/v2/ability/94/	TRUE	3
	blaze	https://pokeapi.co/api/v2/ability/66/	FALSE	1

1. Using the table above as your database, automate field-mapping validation to test if the API field are pulling the correct data from the database
   - Only test the field listed in the above table.

- You may use your preferred language and REST Client (We prefer Java)

Example:

```
{
"abilities": [
{
"ability": {
"name": "imposter", --> In database imposter (test passed)
"url": "https://pokeapi.co/api/v2/ability/150/" --> In database
https://pokeapi.co/api/v2/ability/112/" (test failed)
},
"is_hidden": true,
"slot": 3
},
{
"ability": {
"name": "limber",
"url": "https://pokeapi.co/api/v2/ability/7/"
},
"is_hidden": false,
"slot": 1
}
]
```

Please return your test code, and any instructions necessary to run it to me when complete. Please share the code through GitHub or GitLab.