Task #16

Test Techniques

Examples of tests for the website https://teastar.com.ua/

Equivalence partitioning

Test cases with valid data:
      1. Try to register with a valid password 53AB ** ab
      2. Try to register with a valid password 6666
Test cases with invalid data:
      1. Try to register with an invalid password containing one % character.
      2. Try to register with an invalid password consisting of five spaces.
      Since the only condition for creating a password in the registration form on the website https://teastar.com.ua/ is at least 4 characters and no other conditions, then the valid range of the number of characters belongs to the interval [4; +∞). Accordingly, the invalid region belongs to the interval [0; 3]. Spaces belong to an invalid area for a password.

Boundary value analysis (BVA)

Test cases with valid data:
      1. Try to register with a valid password of 4 characters 53AB.
      2. Try to register with a valid password of 5 characters 53AB*
Test cases with invalid data:
      1. Try to register with an invalid 3-character password 53A
      Since LB is 4, then LB-1 will be 3. There is no right border, so we need to check the boundary values 4 and 3 according to BVA (2 values) or 3, 4, and 5 according to BVA (3 values).
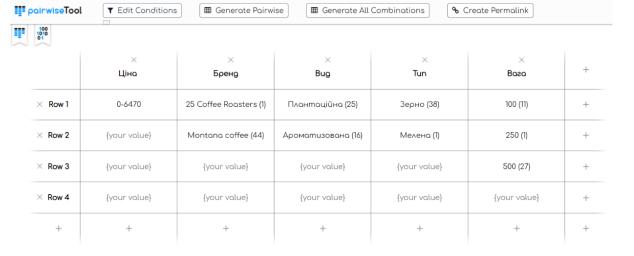
Error guessing

Possible test cases:
      1. Try to register with all form fields empty.
      2. Try to register with one blank field.
      3. Try to register with currency symbols in the First Name (Ім'я) field.
      4. Try to register by entering numbers in the First Name (Ім'я) field.
      5. Try to register by entering letters in the Phone (Телефон) field.
      6. Try signing up by inserting an emoji into the Last Name (Прізвище) field.
      7. Try to register by inserting an emoji in the Phone (Телефон) field.
      8. Try to register by entering decimal fractions (0,2) in the Phone (Телефон) field.
      9. Try to register by entering 4 spaces in the Password (Пароль) field..

Pairwise testing

There are possible variants of test cases for testing filtration in the Coffee (Кава) category.

	Ціна	Бренд	Вид	Тип	Вага	
✕ Row 1	0-6470	25 Coffee Roasters (1)	Плантаційна (25)	Зерно (38)	100 (11)	+
✕ Row 2	{your value}	Montana coffee (44)	Ароматизована (16)	Мелена (1)	250 (1)	+
✕ Row 3	{your value}	{your value}	{your value}	{your value}	500 (27)	+
✕ Row 4	{your value}	{your value}	{your value}	{your value}	{your value}	+
+	+	+	+	+	+	+

	Ціна	Бренд	Вид	Тип	Вага
1	0-6470	Montana coffee (44)	Ароматизована (16)	Мелена (1)	250 (1)
2	0-6470	25 Coffee Roasters (1)	Плантаційна (25)	Зерно (38)	500 (27)
3	0-6470	Montana coffee (44)	Ароматизована (16)	Мелена (1)	100 (11)
4	0-6470	Montana coffee (44)	Плантаційна (25)	Мелена (1)	100 (11)
5	0-6470	25 Coffee Roasters (1)	Ароматизована (16)	Зерно (38)	250 (1)
6	0-6470	Montana coffee (44)	Плантаційна (25)	Мелена (1)	500 (27)
7	0-6470	25 Coffee Roasters (1)	Ароматизована (16)	Зерно (38)	100 (11)