# Задание #1

Самостоятельно придумать требования для формы регистрации на сайте продажи автозапчастей. Какие поля должны быть и какие между ними могут быть зависимости? Распишите так, чтобы специалист по тестированию мог составить тест-кейсы по этим требованиям.

### **Основные критерии:**

требования должны быть расписаны по пунктам с нумерацией и соответствовать свойствам качественных требований.

**Requierments for the registration on the site of sale of auto parts:**

**1. Phone number**

- Text box.

- Character limit 13 including “+”.

- Validation1: if client enters less than 13 characters, then display red border around text box.

- Validation2: characters can be only numbers and “+” in the beginning of text box.

**2. Name**

- Text box.

- Character limit <=13.

- The name must be uniqe.

- Validation1: If the name already exists, then display red border around text box with text “The name is already exists”.

- Validation2: If characters more then 13, then display red border around the text box with text “Name can’t be more then 13 characters”.

**3. Password**

- Text box.

- Characters limit >=8.

- Password must be difficulte.

- Validation: If password contains only letters, then display red border around text box with text “The password is too sipmple”; contains letters and numbers, then display yellow border around text box with text “The password is middle”; contains letters, numbers and at least one capital letter, then display green border around the text box with text “The password is strong”.

**4. Password Confirmatiom**

- Text box.

- Text box “Password Confirmation” must be 100% identical to Text box “Password”

- Validation1: If text box “Password confirmation” 100% identical to text box “Password”, then display green border around text box “Password confirmation”.

- Validation2: If text box “Password confirmation” is not the same as text box “Password”, then display red border around text box “Password confirmation”.

**Create “Save” button:**

**- Validation1: If all text boxes are validated succesfully, then take you on the login page.**

**- Validation2: If not all text boxes are validated succesfully, then display red border around wrong text boxes.**

# Задание #2

1. Зайти на [сайт](https://qa-ep-bva-practice-assignment.vercel.app/) и прочитать описание (при необходимости воспользоваться переводчиком <https://translate.google.com/?hl=ru> или <https://www.deepl.com/en/translator>)
2. Составить список значений для проверки описанных условий используя техники тест-дизайна. Оформить в виде таблицы в один столбец, можно не ограничиваться 12ю значениями.

### **Основные критерии:**

Минимум 12 значений и напротив указана техника тест-дизайна использованная для каждого значения.

|  |  |
| --- | --- |
| **Implementation** | **Test design technique** |
| 1. -10000 | Equivalence partitioning |
| 2. -2 | Equivalence partitioning |
| 3. 0 | Equivalence partitioning |
| 4. 2 | Equivalence partitioning |
| 5. 10000 | Equivalence partitioning |
| 6. 500 | Equivalence partitioning |
| 7. -10001 | Boundary value analysis |
| 8. -9999 | Boundary value analysis |
| 9. -1 | Boundary value analysis |
| 10. 1 | Boundary value analysis |
| 11. 9999 | Boundary value analysis |
| 12. 10001 | Boundary value analysis |

# Задание #3

1. Зайти на [сайт](https://www.globalsqa.com/angularJs-protractor/BankingProject/" \l "/login), проанализировать, изучить функционал и цели приложения.
2. Написать Тест-кейсы на функционал “[Customer Login](https://www.globalsqa.com/angularJs-protractor/BankingProject/" \l "/customer)”
3. “Bank Manager Login” можно не трогать

### Файл с примером оформления тест-кейсов:

<https://docs.google.com/spreadsheets/d/1j9Hzkkpv36FxQnQV__GEd7ZC6C-gBrUVu-musQUm5jM/edit?usp=sharing>

### **Основные критерии:**

Тест-кейсы оформить в виде таблицы, шаблон можно использовать любой какой понравится. Обязательные поля тест-кейсов: **Название, Приоритет, Роль(кем выполняется), Шаги, Ожидаемый результат, Используемая техника ТД.** При написании тест-кейсов использовать техники тест-дизайна и записывать в графу “**Используемая техника ТД”**.

**1. Application functionality:**

- deposit money;

- withdrawl money;

- track transactions by date;

- have different currency in use such as dollar, pound, rupee.

**2. Aplication goals:**

- deposit or withdrawl money in different currency;

- track transactions.

**3.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Priority** | **Role** | **Preconditions** | **Summary** | **Steps** | **Expected Result** | **TD Technique used** |
| Test1 | High | Customer | To be registrated in “XYZ Bank” | Validate that customer login using his name | Open site “XYZ Bank” → click the button “Customer login” → Chose neccessary name → click the button “login” | Customer must take to his account page | Equivalence partitioning |
| Test2 | high | customer | Login in account page | Validate that customer take to transaction page | Click the button “Transaction” | Customer must take to his transaction page | Equivalence partitioning |
| Test3 | high | customer | Take to customer’s transaction page | Validate that customer chose any date and see date time, amount and transaction type of all transactions on that day | Click on the calendar → chose any date | suctomer must see date time, amount and transaction time of his transactions on that day | Equivalence partitioning |
| Test4 | low | customer | Take to customer’s transaction page | Validate that customer can clear his transactions data | Click the button “Reset” | All data were cleared | Equivalence partitioning |
| Test5 | high | customer | Login in account page | Validate that customer take to deposit page. | Click the button “Deposit” | Customer must take to deposit page | Equivalence partitioning |
| Test6 | high | customer | Take to customer’s deposit page | Validate that customer make a deposit. | Input in text box amount of deposit → click the button “Deposit” | Deposit successful | Equivalence partitioning |
| Test7 | medium | customer | Take to customer’s deposit page | Validate that customer make a negative deposit | Input in text box negative amount of deposit → click the button “Deposit” | Red border around text box | Boundary value analysis |
| Test8 | high | customer | Login in account page | Validate that customer take to withdrawl page. | Click the button “Withdrawl” | Customer must take to withdrawl page | Equivalence partitioning |
| Test9 | high | customer | Take to customer’s withdrawl page | Validate that customer withdrawl amount | Input in text box amount of withdrawl→ click the button “Withdrawl” | Withdrawl successful | Equivalence partitioning |
| Test10 | medium | customer | Take to customer’s withdrawl page | Validate that customer withdrawl a negative amount | Input in text box negative amount of withdrawl→ click the button “Withdrawl” | Red border around text box | Boundary value analysis |
| Test11 | medium | customer | Take to customer’s withdrawl page | Validate that customer withdrawl more amount than there’s in the balance | Input in text box more amount than there’s in the balance → click the button “Withdrawl” | Red border around text box | Boundary value analysis |
| Test 12 | high | customer | Login in account page | Validate that customer make a choice of currency dollar, pound and rupee | Click text box near “Welcome Customer” → chose any currency | Take to page of chosen currency | Equivalence partitioning |
| Test 13 | high | customer | Take to customer’s deposit page | Validate that customer change his balance from 0 to 100 | Input in text box “100” → click the button “Deposit” | Balance has changed from 0 to 100 | State & Transition Diagram |