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## Test report on OLX application

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Testing Application: OLX

Environment: mobile version, android v10, Xiaomi Redmi Note 9

### Summary of actions performed

#### Application areas and test types:

1. Setting up an account with logging into the application, functional tests, validation tests.
2. Password recovery, functional tests, validation tests.
3. Testing adding products, functional tests.
4. Product search, functional tests.

#### Evaluation:

The application works without any major problems. It is easy to use and relatively user-friendly. The option of logging in and creating an account requires improvement. There are also small defects, more of which can be detected in deeper analysis.

#### Summary of all tests and bugs found:

1. Creating an account with logging in to the application.

##### 1.1. **No password length validation.**

##### *Description:*

There are no password length guidelines or information of what kind of symbols to use. If the user creates an account, he has the

option of creating a password with a length of one symbol. It is also possible to create an account, for example with the password "." that is, one symbol or two spaces before the symbol. However, in the next step, when logging in to the application, you must enter at least 3 symbols. In this case, it isn't possible to log in to the account that was previously properly created.

*Steps for reproduction:*

- opening the application
- selecting the option create an account
- enter your e-mail
- in the "twoje hasło" field, enter a password with one symbol
- reopening the application
- selecting the login option
- enter previously used email
- enter the previously used one-symbol password

*Current behavior:*

Unable to log in, information about the required symbol length for the password appears: 3 symbols

*Expected behavior:*

It should be allowed to open an account with at least 3 symbols.

## **1.2. No re-confirmation of the password.**

*Description:*

It is not possible to enter the password twice while creating an account. There is a possibility that the user will make a mistake while creating the account and enter the password incorrectly (he will make a typo), it will cause a problem with logging because the user entered the password not as intended.

*Expected behavior:*

When creating an account, re-confirm the password to check if the passwords are identical.

## 2. Password recovery and login

### 2.1 **There are no consequences as to the required password length and validation.**

#### *Description:*

There is contradictory information about password validation when creating the account, logging in and recovering the password.

When recovering the login password, the password length is verified - enter 6 symbols. There is also a tip on how to make a strong password. There is none of this information when creating the account. When logging in, validation is performed only for the length of symbols up to at least 3.

#### *Expected behavior:*

Standardize validation for account creation, login and password recovery.

## 3. Testing adding products

### 3.1. Adding photos works fine

### 3.2. There is validation on required fields

### 3.3. Validation of entering symbols length in description and title works correctly.

### 3.4. Product categories

#### **3.4.1. Products in the wrong categories**

##### *Description:*

You can add a product in a completely different category than the product should be, there is no verification of this.

*Steps for reproduction:*

- opening the application
- selecting the option "dodaj ogłoszenie"
- in the title of the advertisement, adding a description, e.g. "buty do biegania"
- manual change of category to "elektronika" > "sprzęt AGD"
- filling in the required fields
- adding a product

*Current behavior:*

The product has been added to active ads.

*Expected behavior:*

Category validation should not allow you to add a product in an inappropriate category for it.

### **3.4.2. Refreshing the category of the product**

*Description:*

Entering a title proposes a category for the item, but changing the title again to indicate a different product type does not replace the type with the appropriate one.

*Steps for reproduction:*

- opening the application
- selecting the option "dodaj ogłoszenie"
- in the title of the advertisement, adding a description, e.g. "buty do biegania"
- selecting a category: "obuwie sportowe"
- change of the title to e.g. "wynajem dużego pokoju"
- completing the data and adding a product

*Current behavior:*

The product has been added to active ads.

*Expected behavior:*

Category validation should not allow adding a product in the wrong category.

3.4.3. The product categories are not precise.

*Description:*

Adding a game for sale does not have a category for which platform this game is designed. When adding a part to a car, there is no category for which car brand the given part is designed.

#### 4. Search for products

4.1. Product search works fine. You can search for a product by name. You can search by location.

4.2. Filters are working properly

4.3. Sorting works fine. You can sort products from the newest, from the cheapest, from the most expensive, you can define a price range.

#### 4.4. **Inconsistencies in descriptions**

*Description:*

The auctions sometimes do not match the description of the auction title, or there are many products with different prices under one auction. eg description of the game on playstation 3 price: PLN 20. Description of the auction - I have 20 games for sale and each game has its own price, often higher than the price quoted in the action.