



URS

Version 0.2

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Table of versions:

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0.1	Released	11/29/2022	11/30/2022
0.2	Released	11/30/2022	12/5/2022

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1 Agreements/decisions:

I agreed with the client that the highest priority is to be able to manage the catalog with items (groceries and goods) and to support the process of placing an order. After that, specifying the delivery option and displaying the status of an order would be a second priority.

Employees in the back office are going to be able to manage the catalog includes adding, removing, editing, and updating a product in the desktop application. Besides, When the status of the order is changed, a Backoffice employee is going to be able to register it in the system, so that a customer of that order can track it.

When a customer is interested in buying items online, they are going to be able to visit the website of the market and place an order. In addition, they are going to be able to select their preferred delivery option. Customers will also be able to choose from one of the two (2) delivery options: home delivery and pick-up.

After implementing these functionalities, I am going to have another interview with the client and see if there are new requirements that I can implement.

2 Functional & non-functional requirements:

2.1 Functional requirements:

- FR-01: Manage the catalogue with items (groceries and goods)
- FR-02: Support of placing order process
- FR-03: Specify delivery timeslot
- FR-04: Login in desktop application
- FR-05: Manage administrators in the back office
- FR-06: Status of the order
- FR-07: Answer contact forms
- FR-08: Login in web application
- FR-09: Sign up
- FR-10: Contact the company

2.4 Non-functional requirements:

- NFR-01: Maintainable and extendable
- NFR-02: Bug free solution
- NFR-03: Secure software

3 Use cases:

3.1 Desktop application:

- **UC-01:** Login in desktop application
Actor: Desktop Administrator/Website Administrator
Requirement: FR-04

Main Success Scenario:

1. Actor opens the application
2. System requests for an email-address and a password
3. Actor fills in the required information
4. System confirms and shows the information depending on login type
5. End of use case

Extensions:

- 4a: Login credentials are not correct
- .1: *System displays a wrong login credentials message*
 - .2: *Return to MSS step 2*

- **UC-02:** Add a product
Actor: Desktop Administrator
Requirement: FR-01

Main Success Scenario:

1. Actor adds a product
2. System requests for product information
3. Actor fills in product information (category, sub-category, item, price, unit) and confirms
4. System confirms the product was successfully added and adds it to the website
5. End of use case

Extensions:

- 4a: Not all fields are filled
- .1: *System displays a message*
 - .2: *Return to MSS step 2*

- **UC-03:** Edit a product
Actor: Desktop Administrator
Requirement: FR-01
Pre-condition: a list of products

Main Success Scenario:

1. Actor selects a product and edits it
2. System requests for product information that needs to be edited ((sub-category, price, unit)
3. Actor fills in product information that needs to be edited (sub-category, price, unit) and confirms
4. System confirms the product was successfully edited and edits it on the website
5. End of use case

- **UC-04:** Remove a product
Actor: Desktop Administrator
Requirement: FR-01
Pre-condition: a list of products

Main Success Scenario:

1. Actor selects a product and removes it
2. System confirms the product was successfully removed and removes it from the website
3. End of use case

- **UC-05:** Add an administrator
Actor: Desktop Administrator/Website Administrator
Requirement: FR-05

Main Success Scenario:

1. Actor adds an administrator
2. System requests for administrator information
3. Actor fills in administrator information (name, last name, age, gender, email-address, phone number, address, password) and confirms
4. System confirms the administrator was successfully added
5. End of use case

Extensions:

- 4a: Not all fields are filled
- .1: System displays a message
 - .2: Return to MSS step 2

- **UC-06:** Edit the information of an administrator
Actor: Desktop Administrator/Website Administrator
Requirement: FR-05
Pre-condition: a list of administrators

Main Success Scenario:

1. Actor selects an administrator and edits it
2. System requests for administrator information that needs to be edited
3. Actor fills in administrator information that needs to be edited (email-address, phone number, address, password) and confirms
4. System confirms the administrator was successfully edited
5. End of use case

- **UC-07:** Remove an administrator
Actor: Desktop Administrator/Website Administrator
Requirement: FR-05
Pre-condition: a list of administrators

Main Success Scenario:

1. Actor selects an administrator and removes it
2. System confirms the administrator was successfully removed
3. End of use case

- **UC-08:** Update the status of an order
Actor: Website Administrator
Requirement: FR-06
Pre-condition: a list of orders

Main Success Scenario:

1. Actor selects an order and updates it
2. System requests for new status
3. Actor fills in the new status and confirms
4. System confirms that the status of the order was successfully updated and updates it on the website
5. End of use case

- **UC-09:** Answer a customer's question
Actor: Website Administrator
Requirement: FR-07
Pre-condition: a list of questions

Main Success Scenario:

1. Actor selects an unanswered question
2. System requests for answer
3. Actor writes the answer and confirms
4. System confirms the question was successfully answered and sends an email with the answer to the customer/client
5. End of use case

3.2 Web application:

- **UC-10:** Login in web application

Actor: Customer

Requirement: FR-08

Main Success Scenario:

1. Actor selects login
2. System requests for an email-address and a password
3. Actor fills in the required information
4. System confirms and shows the information depending on login type
5. End of use case

Extensions:

4a: Login credentials are not correct

.1: System displays a wrong login credentials message

.2: Return to MSS step 2

- **UC-11:** Sign up

Actor: Client

Requirement: FR-09

Main Success Scenario:

1. Actor selects signs up
2. System requests for personal information
3. Actor fills in personal information (name, last name, email-address, phone number, address) and confirms
4. System confirms the account was successfully created
5. End of use case

Extensions:

4a: Not all fields are filled

.1: System displays a message

.2: Return to MSS step 2

- **UC-12:** Choose a payment method

Actor: Customer/client

Requirement: FR-03

Pre-condition: ordering a product(s)

Main Success Scenario:

1. Actor chooses payment method
2. System requests for payment method information
3. Actor chooses payment method (iDeal, Visa, Mastercard, Maestro, V-Pay, Paypal) and confirms
4. System confirms that the payment was successful
5. End of use case

- **UC-13:** Choose delivery option
Actor: Customer/client
Requirement: FR-03
Pre-condition: ordering a product(s)

Main Success Scenario:

1. Actor chooses delivery option (home delivery UC-14, pick up UC-15)
2. System confirms that the delivery was successful
3. End of use case

- **UC-14:** Home delivery
Actor: Customer/client
Requirement: FR-03
Pre-condition: ordering a product(s)

Main Success Scenario:

1. Actor chooses home delivery
2. System requests for home delivery information
3. Actor chooses one of the available home delivery timeslots and confirms
4. System confirms that the home delivery was successful
5. End of use case

- **UC-15:** Pick up delivery
Actor: Customer/client
Requirement: FR-03
Pre-condition: ordering a product(s)

Main Success Scenario:

6. Actor chooses to pick up
7. System requests for pick up delivery information
8. Actor chooses their preferred location from one of the pick-up locations, and specifies a preferred timeslot and confirms
9. System confirms that the pickup delivery was successful
10. End of use case

- **UC-16:** Place an order
Actor: Client/Customer
Requirement: FR-02

Main Success Scenario:

1. Actor checks out
2. System requests for payment method
3. UC-12
4. System requests for delivery option
5. UC-13
6. System confirms the payment was successful and sends a conformation email to the actor

Extensions:

- 2a: No products are in the shopping cart
- .1: *System displays an empty shopping cart message*
 - .2: *End of use case*

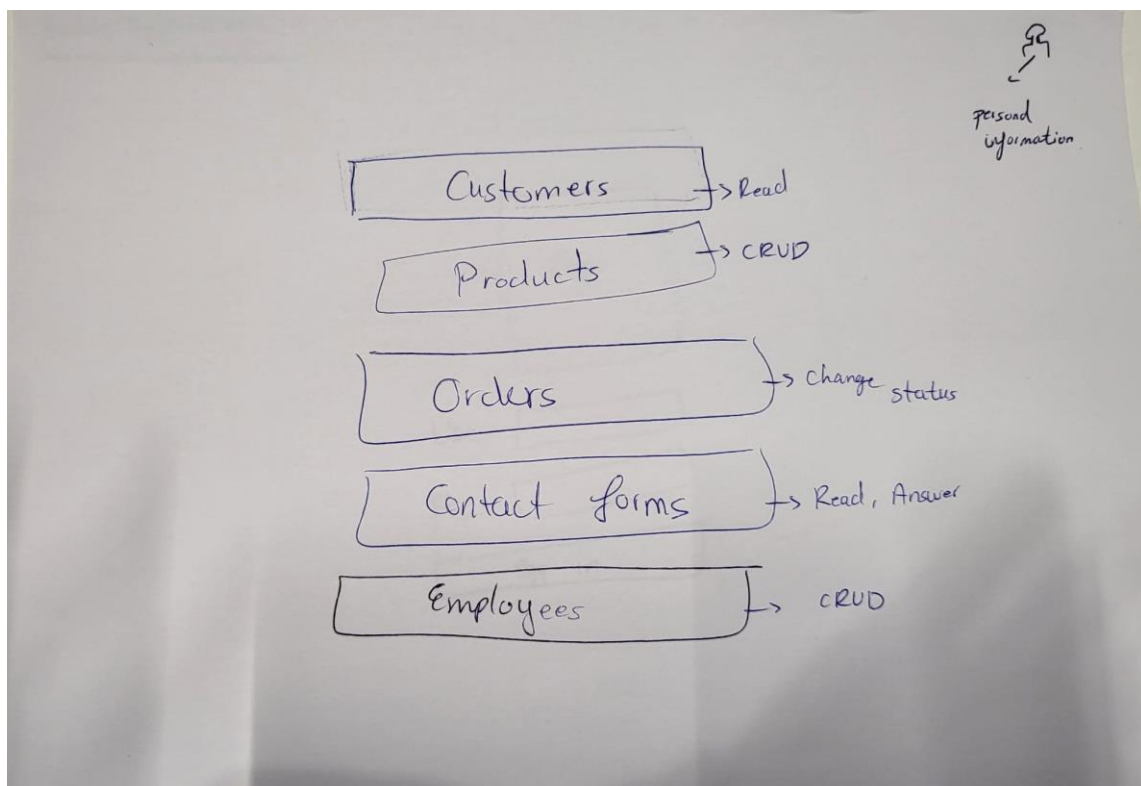
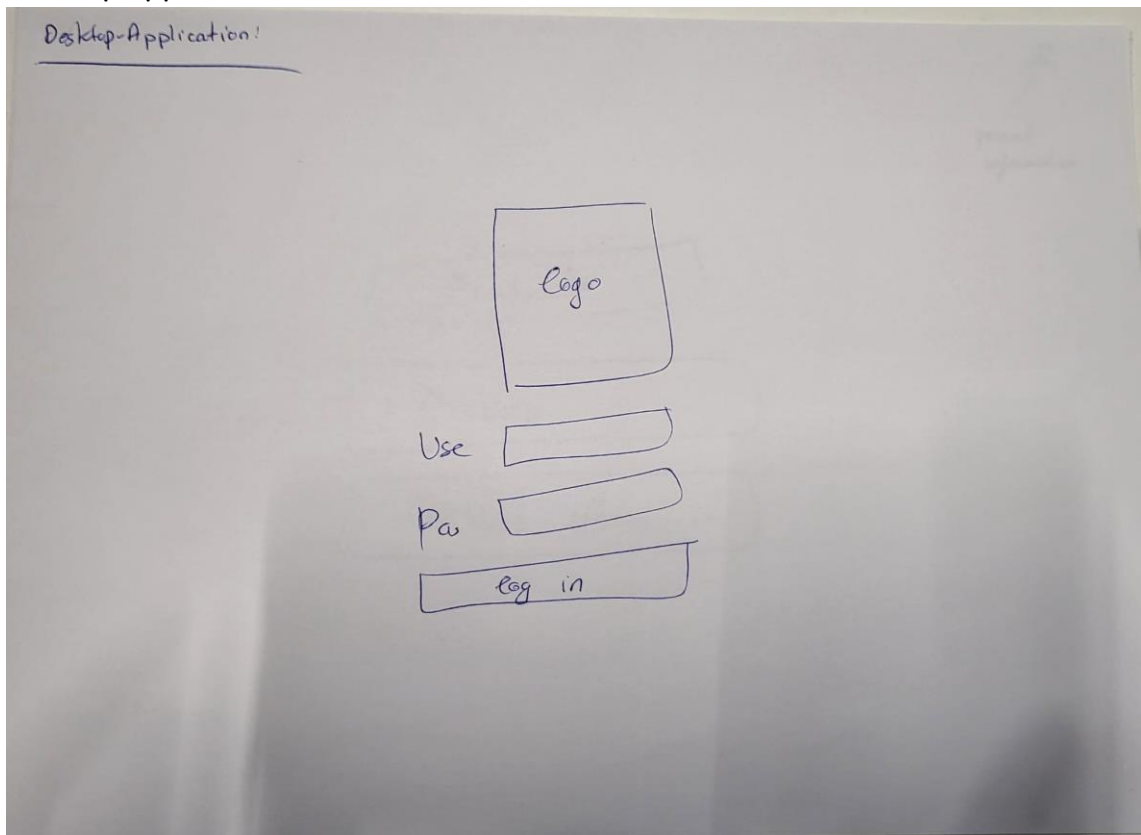
- **UC-17:** Contact the company
Actor: Customer/client
Requirement: FR-10

Main Success Scenario:

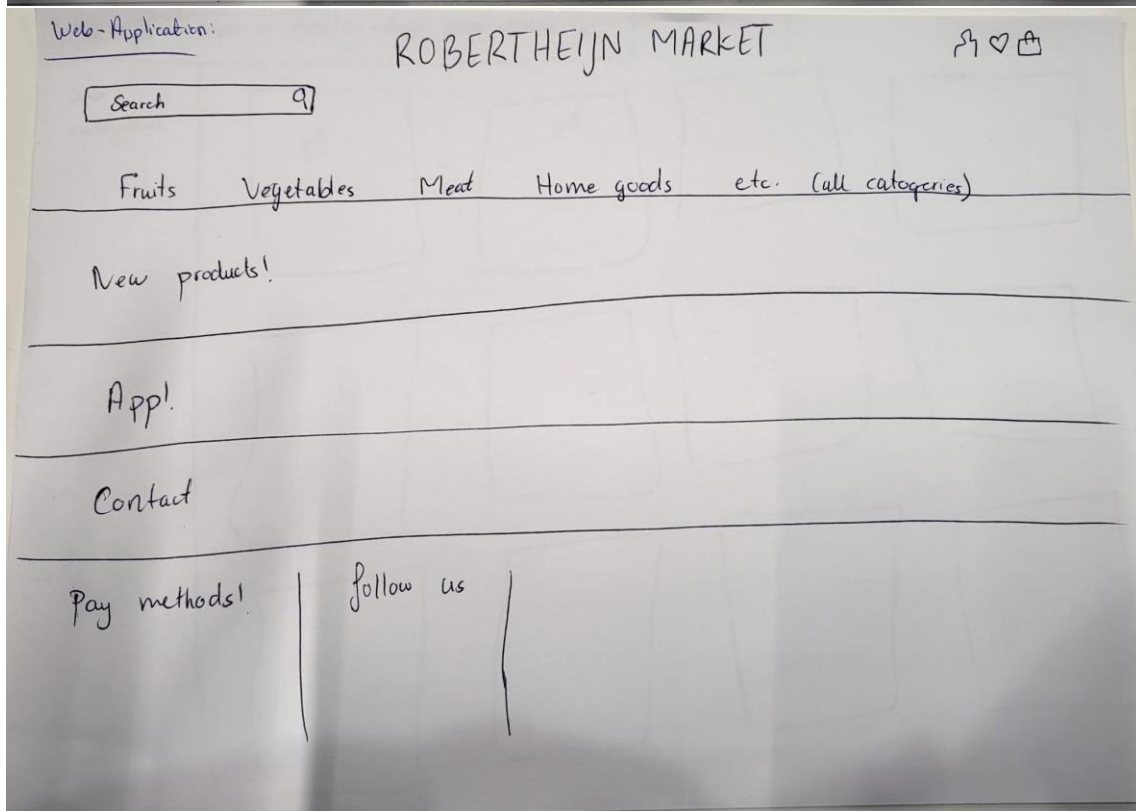
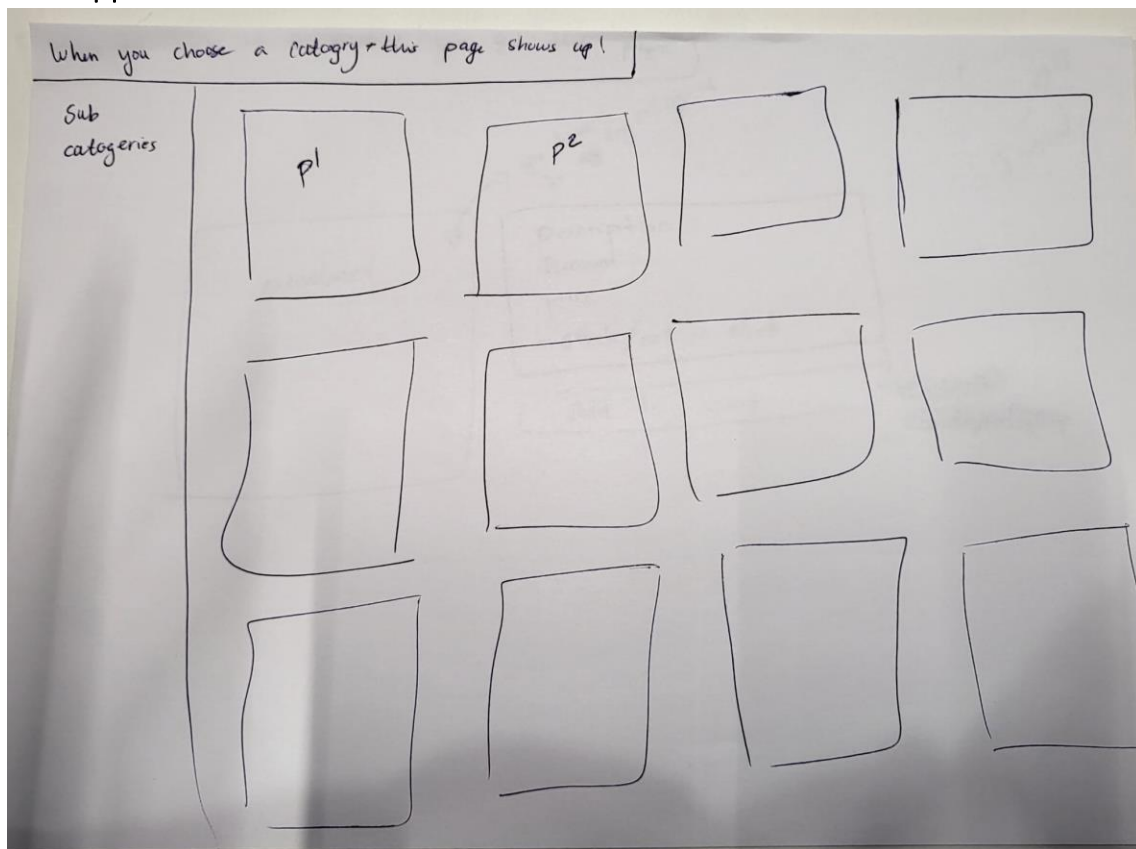
1. Actor goes to contact the company
2. System requests for contact information
3. Actor fills in contact information (name, email-address, question) and confirms
4. System confirms the question was successfully sent
5. End of use case

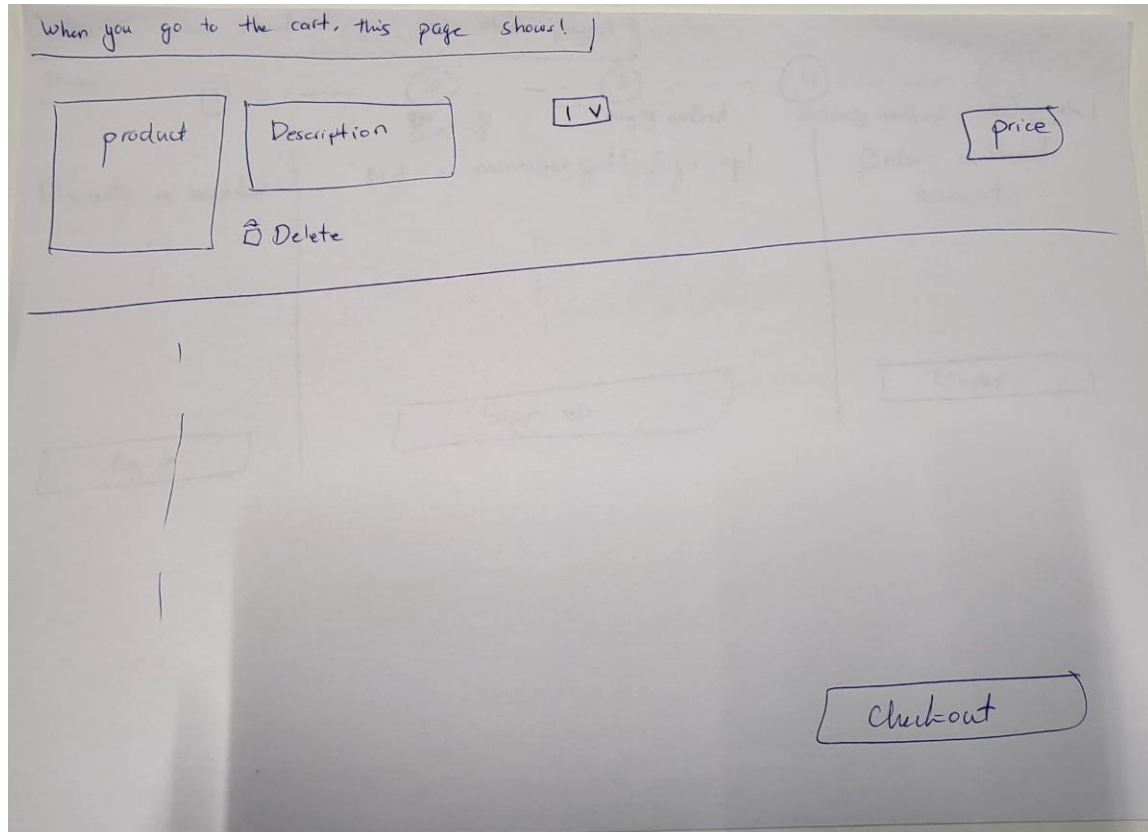
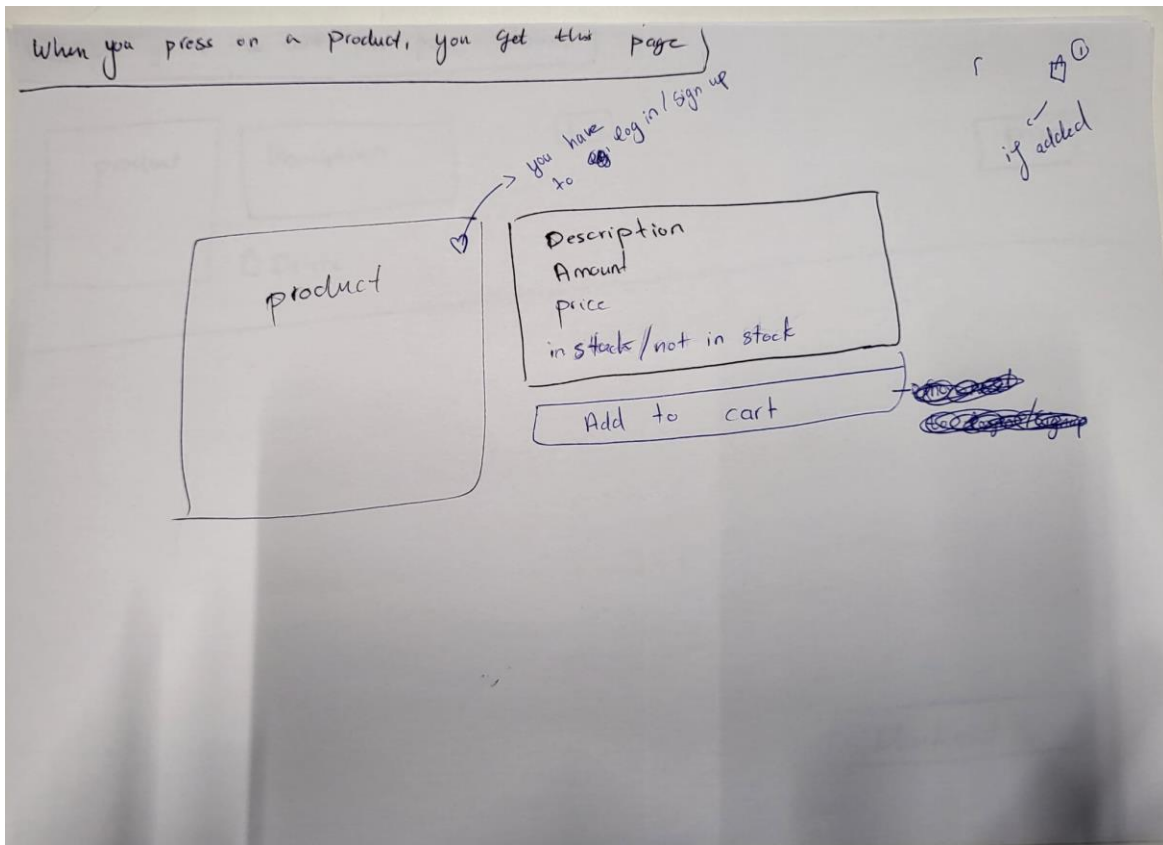
4 Paper prototypes:

4.1 Desktop application:



4.2 Web application:





When you press checkout, you get this page!

Home

①

②

③

④

⑤

Client info

paying method

Delivery method

Control the order!

Already a member

Not a member yet! Sign up!

Order without account!

log in

Sign up

Order