USER REQUIREMENTS
SPECIFICATIONS
INDIVIDUAL PROJECT

ICT & Software Engineering – Semester 3

S3-CB-S3-CB01

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ACTORS AND RESPONBIBILITIES

Customer	Agree with the General Terms and Conditions of the website Provide personal and billing information (no real information required)
Community Manager	Manage the customers' accounts (personal/account information)
Sales Manager	Manage the products (available/unavailable, in stock/out of stock, price)

DATA CONSTRAINS

For all customer the information stored should be:

1. Full name
2. Address (street, street number, zip code, town, country) *
3. Personal e-mail address
4. Username and password
5. Date of birth
6. Measurements (height, weight, shoe/clothes size) *
7. Telephone number *

For all products the information stored should be:

1. Name
2. Type
3. Model
4. Brand
5. Description *
6. Category
7. Cost price
8. Sales price
9. Amount in warehouse
10. Amount of restock

For all orders the information stored should be:

1. Account of the customer.
2. Product.
3. Billing method.

4. Address of the order.
5. Order identification number.

To complete an order the following steps should be completed

1. The shopping bag should contain one or more items.
2. If the customer does not have an account (or hasn't already provided his/her ordering address) he/she enters his/her ordering address.
3. The customer chooses one of the available payment methods and enters his/her payment details (if he/she hasn't already done that).
4. An email is sent to the e-mail the customer has provided.
5. The order is complete.

Customer's profile status

1. Active
2. Restricted
3. Blocked
4. Deleted

Products' status

1. Active
2. Coming soon
3. Launching soon
4. No stock

Data saved in the database

(Hardcoded data is going to be used before the implementation of the database.)

1. Table for customers
   - Profile id
   - First name
   - Family name
   - E-mail
   - Address (street, street number, zip code, town, country)
   - Username and password
   - Date of birth
   - Measurements (height, weight, shoe/clothes size)
   - Telephone number
   - Special points (additional feature)
   - Profile status

2. Table for products
   - Product id
   - Name
   - Type
   - Model
   - Brand
   - Description
   - Category
   - Cost price
   - Sales price
   - Amount in warehouse
   - Amount of restock
   - Amount of sold items

3. Table for community and sales managers
   - Profile id
   - First name

- o Family name
- o E-mail
- o Address (street, street number, zip code, town, country)
- o Username and password
- o Date of birth
- o Telephone number
- o Position (community or sales manager)
4. Table for special offers (Additional feature)
   - o Id
   - o Type (discount in percentage or in value)
   - o Value
   - o Expiration date
   - o Description
   - o Product category
   - o Product type
   - o Product brand
   - o Needed quantity of special points

Data constraints marked with (*) are optional.

Additional features

Special point

1. Completing an order adds special point to the collection of special points of the customer's profile.
2. The number of special points added is decided by the number and value of the products purchased.
3. Special points can be used by customers to access special offers.

Special offers

1. Can be collected by customers for different amount of special points.
2. Can be two types of discounts – in percentage or in value.
3. Can be specified to a product's category and/or type and/or brand.
4. Have an expiration date.
5. Have a description of the offer itself.
6. Can be applied at checkout for discount on the purchased products.

Sales managers additional features

1. The sales manager can see all the completed orders.
2. The sales manager can see different kinds of statistics about the purchased products.

USER STORIES

Customer

1. As a customer
   I can register/create profile on the website
   So that I can use the website.
   Priority: 1
   Estimation time: 2h
   Acceptance criteria
   - The log in/register page is displayed.
   - The registration does not proceed if the provided username and email are already in use.

2. As a customer
   I can log in to my profile on the website
   So that I can use the website in my personal account.
   Priority: 4
   Estimation time: 2h
   Acceptance criteria
   - The log in/register page is displayed.
   - The log in function does not proceed if the username/email and password provided do not exist.
   - The log in function proceeds if the account exists.

3. As a customer

   I can view the website without creating or having an account

   So that I can use the website without an account.

   Priority: 7

   Estimation time: 2h

   Acceptance criteria

   - o The main page of the website is displayed.
   - o A function for log in/register appears in the upper right corner.

4. As a customer

   I can view the main page of the website

   So that I can review the products presented.

   Priority: 10

   Estimation time: 4h

   Acceptance criteria

   - o The main page is displayed.

5. As a customer

   I can filter the products on the main page

   So that I can choose different items.

   Priority: 13

   Estimation time: 2h

   Acceptance criteria

   - o The filter function on the main page is activated.
   - o The filter menu is displayed.

6. As a customer

   I can view my profile

   So that I can view my personal information.

Priority: 16

Estimation time: 4h

Acceptance criteria

- o The person viewing the site has already logged/registered on the website.
- o The profile page is displayed.

7. As a customer

I can edit my personal information in my profile

So that the information on the website is up to date.

Priority: 19

Estimation time: 3h

Acceptance criteria

- o The profile page has to be displayed.
- o The edit profile functions should be activated.
- o The edit profile page is displayed.

8. As a customer

I can add/edit/delete my billing information

So that my billing information is up to date.

Priority: 21

Estimation time: 5h

Acceptance criteria

- o The profile page should be displayed.
- o The edit billing information function should be activated.
- o The edit billing information page is displayed.

9. As a customer

I can save an item presented on the website to a list of my favourite items

So that I can easily review those chosen items later

Priority: 24

Estimation time: 3h

Acceptance criteria

- o The save to favourites function should be activated.
- o A small square notification appears in the upper right corner of the page notifying the customer that the chosen item has been added to the list of favourites.
- o If the customer does not have an account, the items saved to the list are going to be cleared the moment the website is closed.
- o If the customer has an account, his/her list of favourite items is saved in the profile.

10. As a customer

I can add a certain item to my shopping bag

So that I can buy it later.

Priority: 27

Estimation time: 5h

Acceptance criteria

- o The add to shopping bag function should be activated.
- o A small square notification appears on the upper right corner notifying the customer that the chosen item has been added to the shopping bag.
- o If the customer does not have an account, the items saved to the shopping bag are going to be cleared the moment the website is closed.
- o If the customer has an account, his/her the shopping bag contents are saved in the profile.

11. As a customer

I can remove items from the list with favourite items

So that I can review only items that I want.

Priority: 30

Estimation time: 1h

Acceptance criteria

- o The list of favourite items is displayed.
- o The list should not be empty or no action is going to occur.

12. As a customer

I can remove items from my shopping bag

So that I don't have to buy items I do not want.

Priority: 33

Estimation time: 1h

Acceptance criteria

- o The shopping bag is displayed.
- o The shopping bag should not be empty or no action is going to occur.

13. As a customer

I can proceed to order the items in my shopping bag

So that I can buy the items.

Priority: 36

Estimation time: 5h

Acceptance criteria

- o The ordering page is displayed.
- o If the customer does not have an account (or hasn't already provided his/her ordering address) he/she should enter his/her ordering address.

14. As a customer

I can choose my payment method

So that I can proceed with my order

Priority: 39

Estimation time: 2h

Acceptance criteria

- o The data constrains about the ordering up till now should be completed.
- o The payment methods are displayed on the page.
- o The customer has to choose one of the available payment methods and enter his/her payment details (if he/she hasn't already done that).

15. As a customer

I can finish my order

So that I can receive the items I have ordered.

Priority: 42

Estimation time: 2h

Acceptance criteria

- o The data constrains about the ordering up till now should be completed.
- o An email is sent to the e-mail the customer has provided.
- o The order is complete.

16. As a customer

I can stop the ordering during the filling of information

So that I can add/remove items from my order.

Priority: 45

Estimation time: 2h

Acceptance criteria

o The ordering process is stopped.

17. As a customer

I can reach to the Sales manager and cancel my order

So that I do not have to pay and receive items I don't want.

Priority: 48

Estimation time: 2h

Acceptance criteria

 o An order has been made.

 o The customer sends an email to the Sales manager with the information about the order.

18. As a customer

I can log out of my profile

So that I can end my visit on the website

Priority: 51

Estimation time: 1h

Acceptance criteria

 o The customer should have an account to log out from it. If not, the session is ended the moment the website is closed.

 o The log out function is activated.

 o The log in page is displayed.

Community Manager

1. As a community manager

I can log into my profile on the website

So that I can use the website.

Priority: 54

Estimation time: 2h

Acceptance criteria

- o The user should have the username and password provided to him/her.
- o The username and the password should match those in his/her profile.

2. As a community manager

I can see other users' profiles

So that I can perform my work as a community moderator.

Priority: 57

Estimation time: 5h

Acceptance criteria

- o A search page with every profile present in the database is displayed.
- o A filter for filtering different status profiles, is displayed.
- o When selected, a user's profile is displayed.

3. As a community manager

I can change the status of a user's profile

So that I can perform my job.

Priority: 60

Estimation time: 3h

Acceptance criteria

- o The change status function is activated
- o The community manager chooses and saves the updated status of the chosen profile.

4. As a community manager

I can log out of my profile

So that I can end my shift.

Priority: 66

Estimation time: 1h

Acceptance criteria

- o   The log out function is activated.
- o   The log in page is displayed

Sales Manager

1. As a sales manager

    I can log into my profile on the website

    So that I can use the website.

    Priority: 69

    Estimation time: 1h

    Acceptance criteria

    - o   The user should have the username and password provided to him/her.
    - o   The username and the password should match those in his/her profile.

2. As a sales manager

    I can view the products present in the database

    So that I can do my job.

    Priority: 72

    Estimation time: 3h

    Acceptance criteria

    - o   The page with all products is displayed.
    - o   The filter for the different products status is displayed.

3. As a sales manager

    I can change the status of a product

So that I can do my job.

Priority: 75

Estimation time: 5h

Acceptance criteria

- o The change status function is activated.
- o The page for changing product status is displayed.
- o The sales manager updates and saves the changed status of a product.

4. As a sales manager

I can edit the description of a product

So that I can do my job.

Priority: 79

Estimation time: 2h

Acceptance criteria

- o The page showing the product is displayed.
- o The sales manager updates and saves the changed description of a product.

5. As a sales manager

I can log out of my profile

So that I can end my shift.

Priority: 82

Estimation time: 1h

Acceptance criteria

- o The log out function is activated.
- o The log in page is displayed