ISPW PROJECT
2021-2022

YOCERCO

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YOCERCO

1. Software requirements specification
   a. Aim of the document:
      In this document we provide the analysis of the system named YOCERCO.
   b. Overview of the the defined system
      YOCERCO is a searcher for shops and products and it provides the possibility of buying and click&collect products from selected shops that collaborates with the platform.
   c. Operational settings:
      The system has been realized for personal computer, only on standalone app. To run the application is required a Java Runtime Environment and an Internet connection.
   d. Related systems:
      YOCERCO is similar to other apps like the e-commerce that allows to create a click&collect order. The advantage to use YOCERCO is the possibility for buyers to choose shops where to buy on a unique platform and to have the best shopping experience by checking prices on different shops. In other systems, like Glovoo or Supermercato24, shoppers must use system's carriers and there's a fee for that. In YOCERCO it has been created a direct link from buyers to sellers. The advantage for sellers is the possibility to have more visibility for own shop and to have more efficiency to sell products. The principal disadvantage for the app is that some orders cannot be paid (with Click&Collect) and not collected from users.
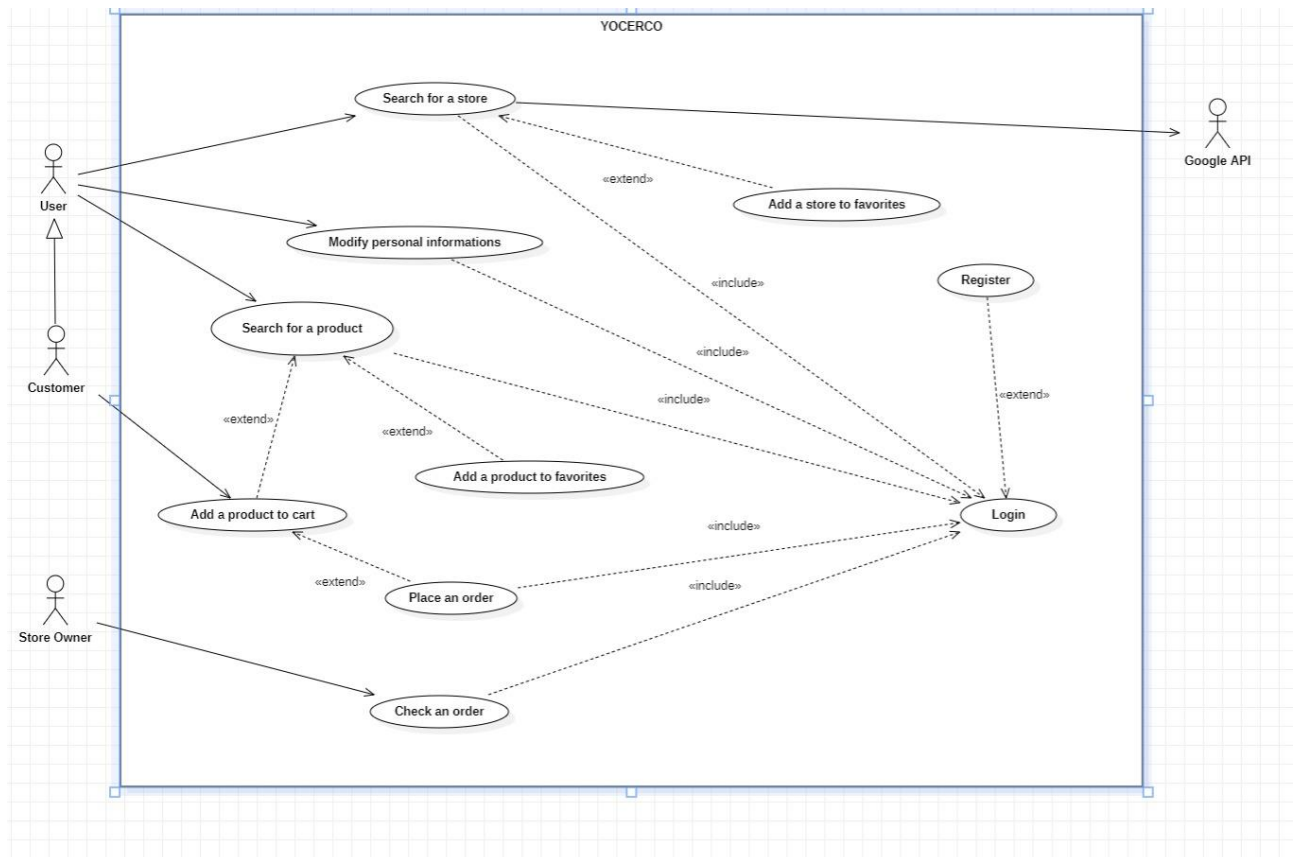
User stories

1) As a user, I want to search for shops near my position, so that I can buy products. [G.Tomassi]

2) As a user, I want to know which shop sell a specific product so that I can buy it easily. [M.Sabato]

3) As a customer, I want to be able to make an order by using click&collect, so that I can save my time. [G.Tomassi]

4) As a user I want to know the location of a product inside shops, so that I don't have to waste time looking for it. [G.Tomassi]

5) As a user I want to be able to add shop to favorite, so that I can speed up future purchases. [M.Sabato]

6) As a user I want to be able to look at the offers flyer, so that I can evaluate a purchase. [M.Sabato]

Functional requirements

1) The system shall provide a feature to modify personal information. [G.Tomassi]

2) The system shall provide a feature to save a product into favorites.

3) The system shall provide a feature to add to cart a product. [G.Tomassi]

4) The system shall provide a feature to pay an order by creditcard or cash on delivery. [G.Tomassi]

5) The system shall provide a feature to mark an order as completed.

6) The system shall provide a list of past orders.

7) The system shall display stores that sell a specific product. [M.Sabato]

8) The system shall provide the possibility to search for a store or a product. [M.Sabato]

9) The system shall provide the possibility to place an order.

10) The system shall display correct informations for each product or store. [M.Sabato]

11) The system shall display orders that your store has received if you are logged as an admin.

12) The system shall provide a login feature.

13) The system shall provide a registration feature for new users.

2. Storyboards

In Deliverables repo go into folder StoryBoards:
Deliverables>StoryBoards

3. Design

   VOPC:

   > Deliverables repo:
   > Deliverables>[StudentSurname]>VOPC.jpg

   Design-level:

   > Deliverables repo:
   >
   > Deliverables>[StudentSurname]>DesignLevel.jpg

   Activity Diagram:

   > Deliverables repo:
   > Deliverables>[StudentSurname]>ActivityDiagram.jpg

   State Diagram:

   > Deliverables repo:
   > Deliverables>[StudentSurname]>StateDiagram.jpg

   Sequence Diagram:

   > Deliverables repo:
   > Deliverables>[StudentSurname]>SequenceDiagram.jpg

4. Testing

   In package "test" are included:

   3 Junit for each member with name TomassiJUnitTest and SabatoJUnitTest

5. Code
   https://github.com/gtom06/Yo_Cerco
   https://sonarcloud.io/project/overview?id=gtom06_Yo_Cerco

6. Video

   In Deliverables>Video folder is available the video of a demo of YOCERCO.