



Projet ASP2021

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Haute Ecole Condorcet : Informatique de Gestion

L'énoncé

Le travail s'inspire de l'actualité. Votre client souhaite que vous réalisiez une plateforme web pour les restaurateurs souhaitant mettre en place un système de plats à emporter (take-away).

L'objectif de l'application est d'automatiser un maximum de tâches :

1. La plateforme est destinée à plusieurs restaurateurs.
2. Un restaurateur intéressé pourra inscrire son restaurant sur la plateforme.
3. Un restaurateur proposera des menus (par ex. : entrée-plat-dessert, 2 entrées-plat-dessert, ...) et des plats à la carte.
4. Un plat à la carte a un prix. Un menu a un prix (pas une addition des prix des plats).
5. Chaque jour, le restaurateur propose deux services (service du midi et service du soir).
6. Un client passera sa commande pour un des services du jour (il ne peut commander pour un autre jour) au plus tard 2 heures avant le service.
7. Un client qui habite à proximité du restaurant pourra demander une livraison à domicile, moyennant frais supplémentaire.
8. Un client qui n'habite pas à proximité devra venir chercher ses plats sur place.
9. Pour passer la commande, le client doit créer un compte dans lequel il fournira toutes les informations nécessaires.
10. Seul un utilisateur authentifié peut passer une commande.
11. Un visiteur de la plateforme peut consulter les menus sans s'authentifier.
12. Un restaurateur devra s'authentifier pour ajouter son restaurant, gérer ses menus et gérer ses commandes.
13. ...

Procès-Verbal (réunions par ordre chronologique)

Réunion 1

Membres du groupe présents : DI FALCO SIMON, HUYGEBART AMANDINE

DATE : 20-03-2021 à 9h20

DURÉE : 20 minutes

LIEU : Plateforme Teams

OBJECTIF DE LA RÉUNION : Mise au point au sujet du USECASE DIAGRAM et ses scénarios.

La répartition des tâches : Réalisation du diagramme des cas d'utilisations individuel et mise en commun.

Mise au point d'un pattern à respecter au sujet des scénarios et répartition des scénarios puis lecture ensemble.

Dialogue facile, régulier et franc entre nous.

Répartition scénarios :

UC_01: Consult Menu (Scénario) --> A

UC_02 : Create account (Scénario) --> S

UC_03 : Custommer account

UC_04 : Restorer Account

UC_05 : Authentification (Scénario) --> A

UC_06 : Order (Scénario) --> S

UC_07 : Validate Order (Scénario) --> A

UC_08 : Pay (Scénario) --> S

UC_09 : Cash Paiement

UC_10 : Online Paiement

UC_11 : Giving Tip

UC_12 : Sign Restaurant (Scénario)--> A

UC-13 : Menu Management (Scénario) --> S

UC_14 : Menus

UC_15 : Dishes

UC_16 : Manage Order (Scénario)--> A

UC_17 : Delivery management

UC_19 : Maintenance

UC_20 : Account customer

UC_21 : Account restorer

UC_22 : Disconnect

Les problèmes rencontrés, les solutions et corrections apportées :

SIMON : Difficulté de compréhension des use cases.

AMANDINE : Premier usecase diagram créé trop tôt. Mauvaise compréhension de ce qui m'était demandé.

Jet 2 : J'ai réalisé que je n'avais pas compris :

Extends : Différence entre cas d'extension/point d'extension, sens de la flèche, le usecase divisé en deux.

Solution => Poser des questions à Mr Masset lors du cours.

Élaboration du scénario : quelles étaient les limites du cas d'utilisation à décrire ?

Solution => Poser des questions à Mr Masset, demander un exemple.

Correction (en commun) : Mise en commun du diagramme et partage d'opinions (prévu à l'initial)

⇒ Questions relatives à l'énoncé : Aucune pour l'instant.

Réunion 2

Membres du groupe présents : DI FALCO SIMON, HUYGEBART AMANDINE

DATE :

DURÉE : 20 minutes

LIEU : Plateforme Teams

OBJECTIF DE LA RÉUNION :

La répartition des tâches :

Répartition

Les problèmes rencontrés, les solutions et corrections apportées :

SIMON :

AMANDINE :

Solution =>

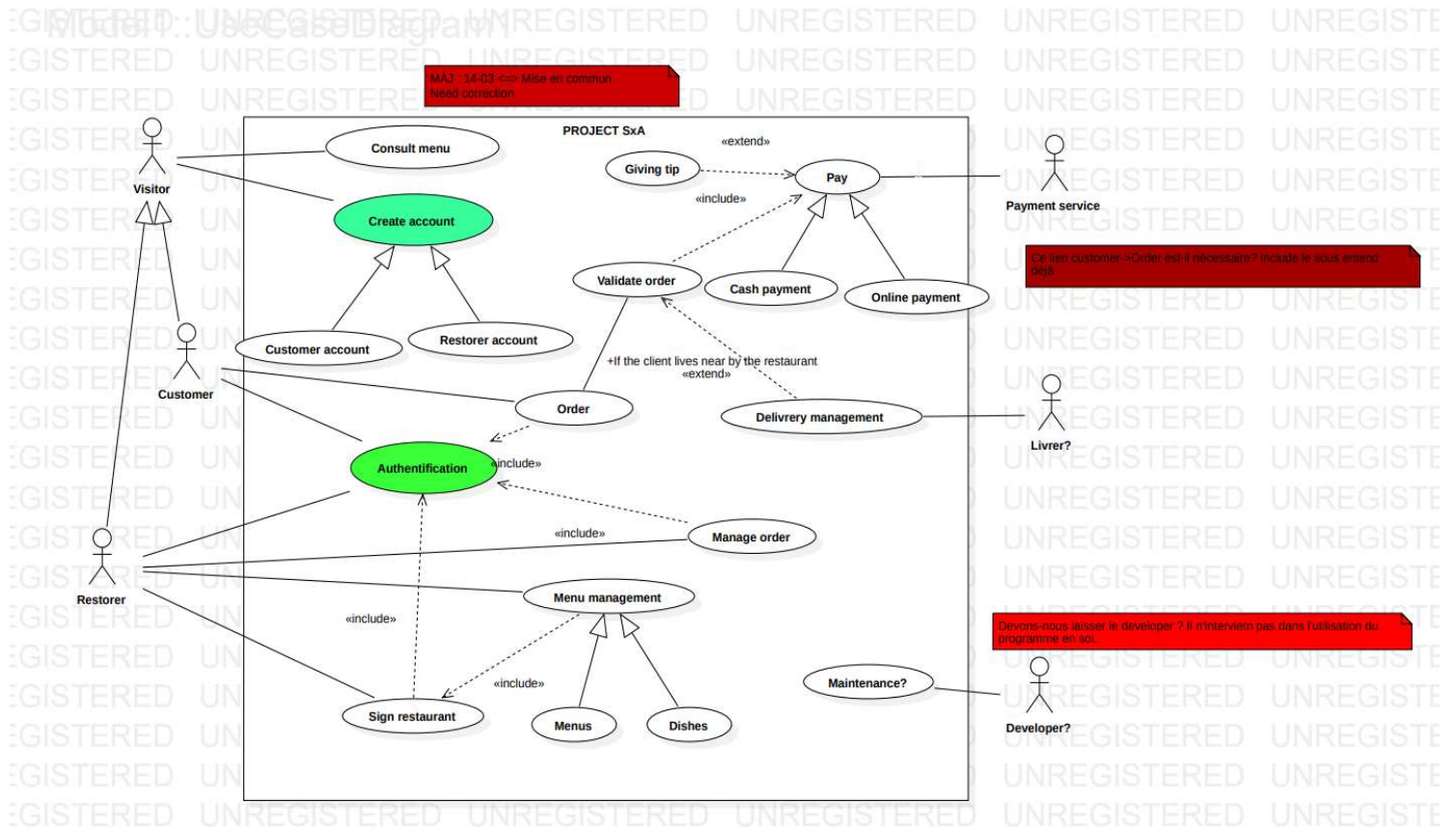
Correction (en commun) :

⇒ Questions relatives à l'énoncé : Aucune pour l'instant.

ANALYSE

Use case diagram

JET 1 – Mise en commun (20-03-2021)



MAJ: 16-03 ==> Mise en commun
Need correction

PROJECT SxA

Actors: Visitor, Customer, Restorer, Payment service, Livrer?, Developer?

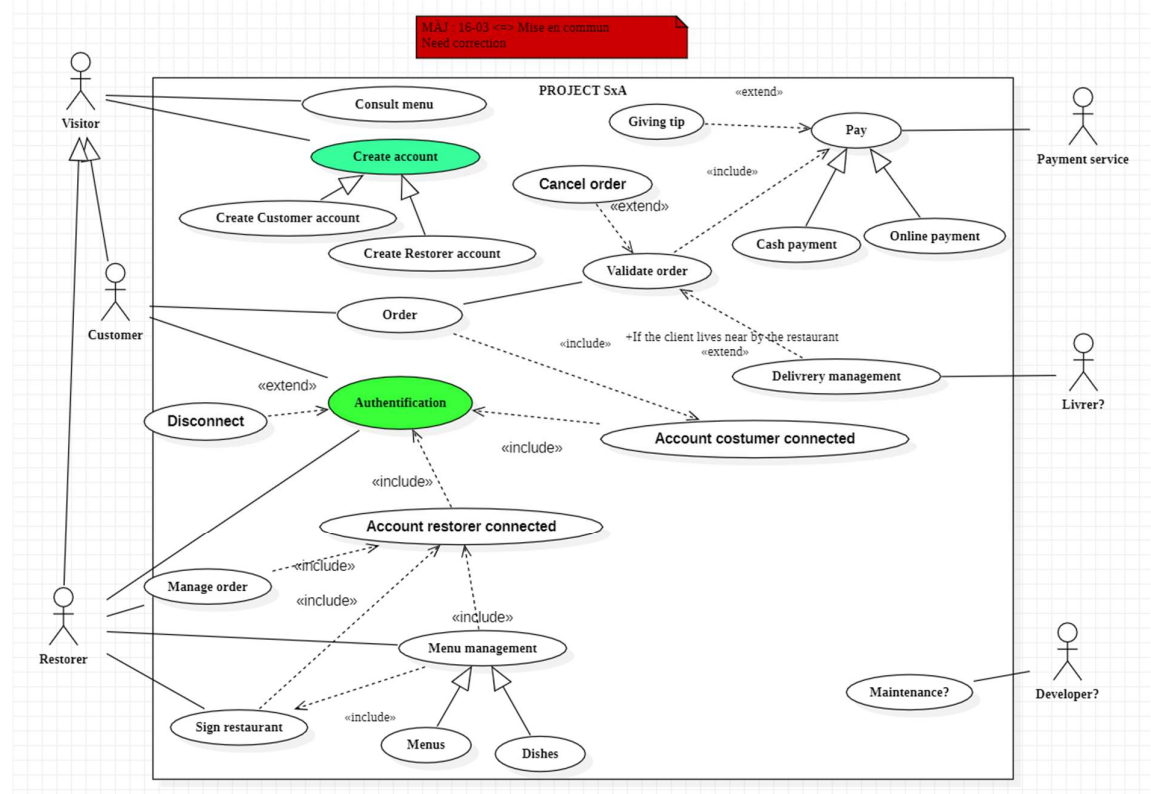
Use Cases and Relationships:

- Visitor is associated with Consult menu, Create account, and Order.
- Customer is associated with Create account, Order, Authentication, and Manage order.
- Restorer is associated with Authentication, Manage order, Menu management, and Sign restaurant.
- Payment service is associated with Pay.
- Livrer? is associated with Delivery management.
- Developer? is associated with Maintenance?

Internal Use Case Relationships:

- Create account includes Create Customer account and Create Restorer account.
- Order includes Authentication.
- Authentication includes Disconnect, Account restorer connected, and Account customer connected.
- Manage order includes Authentication and Menu management.
- Menu management includes Sign restaurant, Menus, and Dishes.
- Cancel order includes Validate order.
- Validate order includes Pay (if the client lives near by the restaurant).
- Pay includes Giving tip, Cash payment, and Online payment.
- Delivery management includes Pay.
- Account customer connected includes Pay.

Stereotyping: «include», «extend», «include» (if the client lives near by the restaurant).



CORRECTION avec prof

Consult Menu

Identifier

UC_01

Actors

Visitor

Description

Everyone can consult menu.

Preconditions

1. Application has been install.
2. Updated application.
3. The user have choosen the restaurant.
4. Optional (authenticated)

Assumptions

1. Network connexion established.
2. DataBase is online.
3. Restaurant and menus exist.

Basic course

1. Choose the restaurant on the list
2. Application check hour
3. Application display menu about hour
4. The user can check menu

Alternate course**Case A :**

2. If actor is costumer or restorer and hour is ≤ 15 AM
Display lunch service

Case B :

2. If costumer or restorer and hour is > 15 AM
Display evening service

Case C :

- A.1. DataBase is offline.
Display error message

Authentication

Identifier

UC_05

Actors

Costumer and restorer

Description

The user can connect to the Application

Preconditions

1. UC_2
2. User clicked on « sign in »

Assumptions

1. Account exists
2. Database is online

Basic course

1. User type his ID and password account on form
2. Database is checked with this form
3. (Session is created and stocked on BDD)
4. User is connected

Alternate course

Case A :

2. Username is incorrect
Display the error message « Your username doesn't exist. »

Case B :

2. Password is incorrect
Display the error message « Your password is incorrect. »

Case C :

2. Username & password are correct AND the type account is CUSTOMER
4.Connected as CUSTOMER UC_20

Case D :

2. Username & password are correct AND the type account is RESTORER
4.Connected as RESTORER UC_21

Inclusion cases

UC_20

UC_21

Extension cases

UC_22 if click sign out button

Validate Order

Identifier

UC_07

Actors

Customer

Description

The customer can check and validate his order

Preconditions

1. UC_06

Basic course

1. Summary of order on the screen
2. Customer checked his order
3. Go to UC_8

Inclusion cases

UC_08

Extension cases

UC_17 if the km < xx ;

UC_23 if the costumer click on cancel

Sign Restaurant

Identifier

UC_12

Actors

Restorer

Description

A restorer can sign in his restaurant in the platform

Preconditions

1. UC_21

Assumptions

1. Restorer on form page

Basic course

1. Restorer add his restaurant with a form
2. BDD verification
3. Restaurant is added

Alternative course

Case A :

2. A field is empty or null
ERROR -> This form is not completed

Inclusion cases

UC_21

Manage Order

Identifier

UC_16

Actors

Restorer

Description

The restorer can manage his order and send to kitchen

Preconditions

1. UC_08

Assumptions

1. Validated and payed order

Basic course

1. Restorer has an order list what he has received.

Alternate course

Case A :

1. Order has been received twice
Call to the customer

Case B :

Any problem with order
Call to the customer

Inclusion cases

UC_21

Create Account

Identifier

UC-02

Actors

Visitor

Description

The aim of this Use Case is to create an account for the visitor and by this way being a customer or a restorer.

Preconditions

1. The visitor should be on the creating account page.

Basic course

1. The Visitor needs to choose to create a restorer account or a customer account.
2. The Visitor starts to fill the form.
3. When the form is filled the visitor presses the validate button.
4. The form is correctly filled, and the customer/restorer account is created.

Alternate course

Case A :

1. The form is not correctly filled, some content is missed, an error message points out the problem(s).
2. The visitor fills the form in the right way.
3. The visitor presses the validate button.
4. The form is correctly filled and the customer/restorer account is created.

Order

Identifier

UC-06

Actors

Customer

Description

The aim of this Use Case is to order food for the customer, He can choose whatever He wants at the latest 2 hours before the service.

Preconditions

1. The customer is authenticated.
2. The customer is consulting menus.
3. It's at the latest 2 Hours before the service

Basic course

1. The customer add menus or dishes to his "cart"
2. When He has finished to choose he click on the "cart" item.

Alternate course

Case A:

1. The customer decides to remove an item from the cart
2. The item is removed from the cart

Postconditions : The customer is on the cart page to validate the order.

Inclusion cases: includes the UC_20 (Account customer)

Notes : The customer is allowed to order at the latest 2 hours before the service.

Pay

Identifier : UC-08

Actors : Customer, Payment Service

Description : This use case is dedicated to the payment. The customer can pay by cash or online.

Preconditions :

1. The customer has validated the order

Basic course :

1. After having validated the order the customer can choose the way he prefers to pay and fill the form (for the delivery if it respects the distance condition)
2. The customer pays

Alternant course :

Case A:

3. The customer decides to cancel all the order.
4. The payment is cancelled.
5. The customer is redirected to the home page.

Case B:

3. The payment is denied.
4. The payment is cancelled.
5. The customer is redirected to the home page.

Extension cases : UC-11 (Giving A tip)

Menu Management

Identifier : UC-13

Actors : Restorer

Description : In this use case the restorer will manage the item of his menu and for the different services.

Preconditions :

1. The restorer is connected.
2. The restaurant is signed

Basic course :

1. The restorer can add or remove items.
2. The restorer can prepare the different services of the day and prepare the services for the next days.
3. The restorer click on a button to validate the modifications.
4. The restorer has the choice to stay on this page or to go back to the home page.

Alternant course :

Case A:

3. The restorer click on the button to cancel all the modifications.
4. The restorer has the choice to stay on this page or to go back to the home page.

Inclusion cases :

UC-12 (Sign Restaurant)

UC-21 (Account Restorer)

Account Restorer

Identifier : UC-21

Actors : Restorer

Description

Restorer account connected

Preconditions

1. Authenticated

Basic course

1. Restorer connected

Inclusion cases

UC_16, UC_13, UC_12

Class diagram

JET 1 présenté (- -)

Correction J1

Sequence diagram
JET 1 présenté (- -)

Correction J1

Conclusion