

Fast Canteen

Introduction

The aim of the project is to create a system that can support the distribution of food into a public canteen to avoid queue. The system should reduce the waiting time to use the canteen's services and helps user to find a free seat for lunch/dinner. Through our system, the user can book a meal, view a list of possible menus and choose what he prefers; He can decide the time to collect the meal and looking for a free seat. The user can decide the payment method through the app. The chef can use our app to see the list of all daily reservations, so he can better organize his works and the canteen can offer a more efficient service. The administrator can manage the daily offered dishes that are available in a specific day. Every dish can be rated by the users with a vote between 1 to 5 stars and by adding a write comment, so everyone can see the mean rate of dish during its booking.

User Stories

- As a user, I want to choose from different kind of menu.
- As a user, I want to choose from different payment methods.
- As a user, I want to add dishes to my menu, so I can personalize it.
- As a user, I want to book a free seat, so I can avoid searching for it.
- As a user, I want to book a meal specifying the collect time, so I can avoid queue.
- As an admin, I want to define the daily offered dishes of a specific day.
- As an admin, I want to create dishes, so I can manage the canteen's offer.
- As an admin, I want to modify dishes, so I can manage the canteen's offer.
- As a user, I want to see the list of ingredients of a dish, so I can avoid allergens.
- As a user, I want to rate a dish, so I can help other users.
- As a chef, I want a list of all reservations order by time, so I can prepare it.
- As a user, I want to see the rating of a dish, so I can have an opinion of other users about it.

Functional Requirements

- The system shall provide to choose between different menu*.
- The system shall provide to pay through the app or on the spot.
- The system shall provide to personalize the menu* adding at least a dish.
- The system shall provide to book a free seat for 30 minutes.
- The system shall provide a list of all ingredients for all dishes.
- The system shall provide to rate* a dish.
- The system shall provide to book lunch/dinner indicating a collection time*.
- The system shall provide a list of all bookings in a chronological order of reservation.
- The system shall provide registration method for a user.
- The system shall provide to an admin to define the daily offered dishes adding them by category*.
- The system shall provide to create dishes by category*.
- The system shall provide to modify dishes by category*.
- The system shall provide to view the rate* of all dishes.

Glossary

Rate: give a vote to a dish from 1 to 5 stars with an optional write comment.

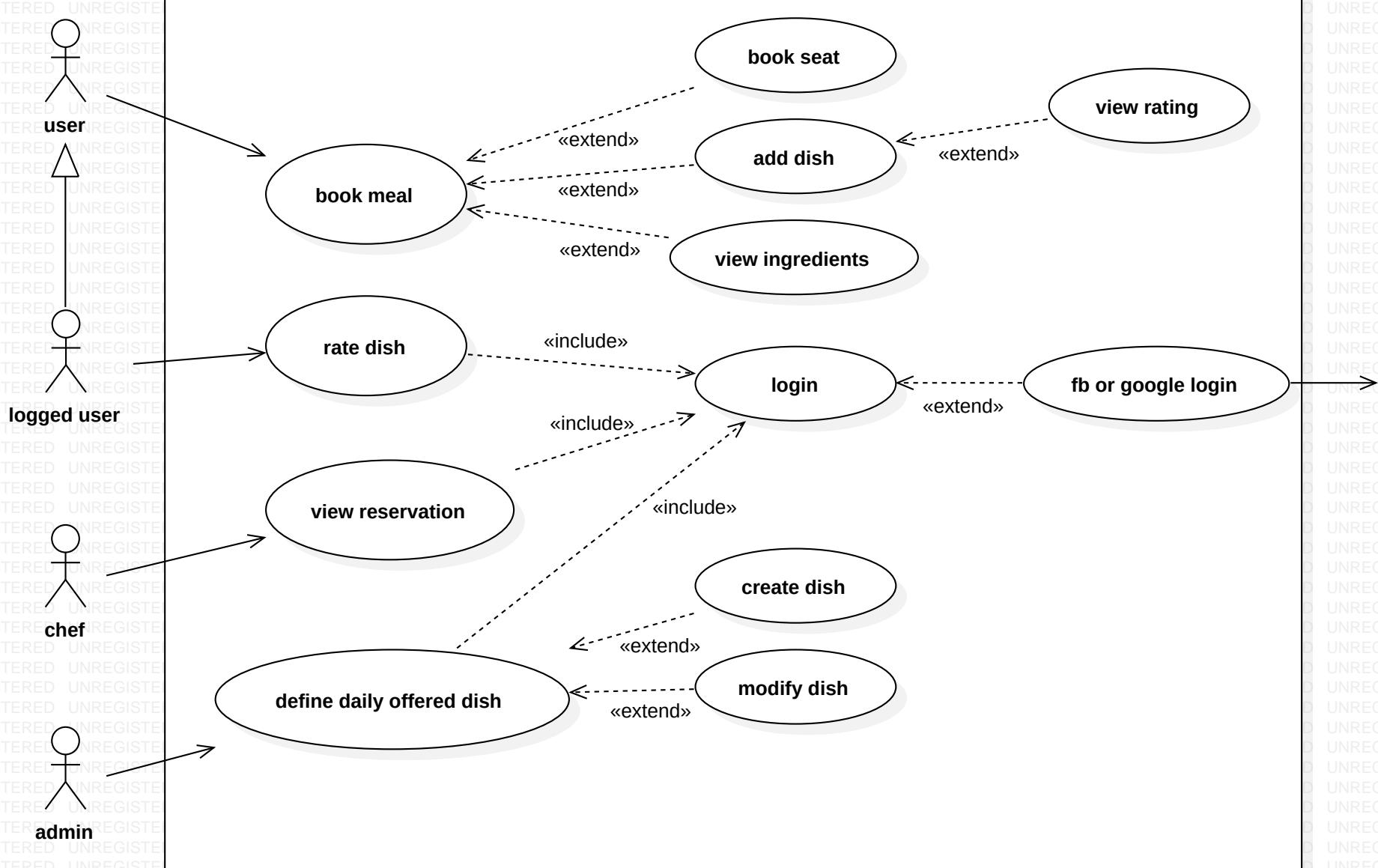
Collection Time: from 12:00 to 14:30 every 15 minutes for lunch and from 19:00 to 21:30 every 15 minutes for dinner.

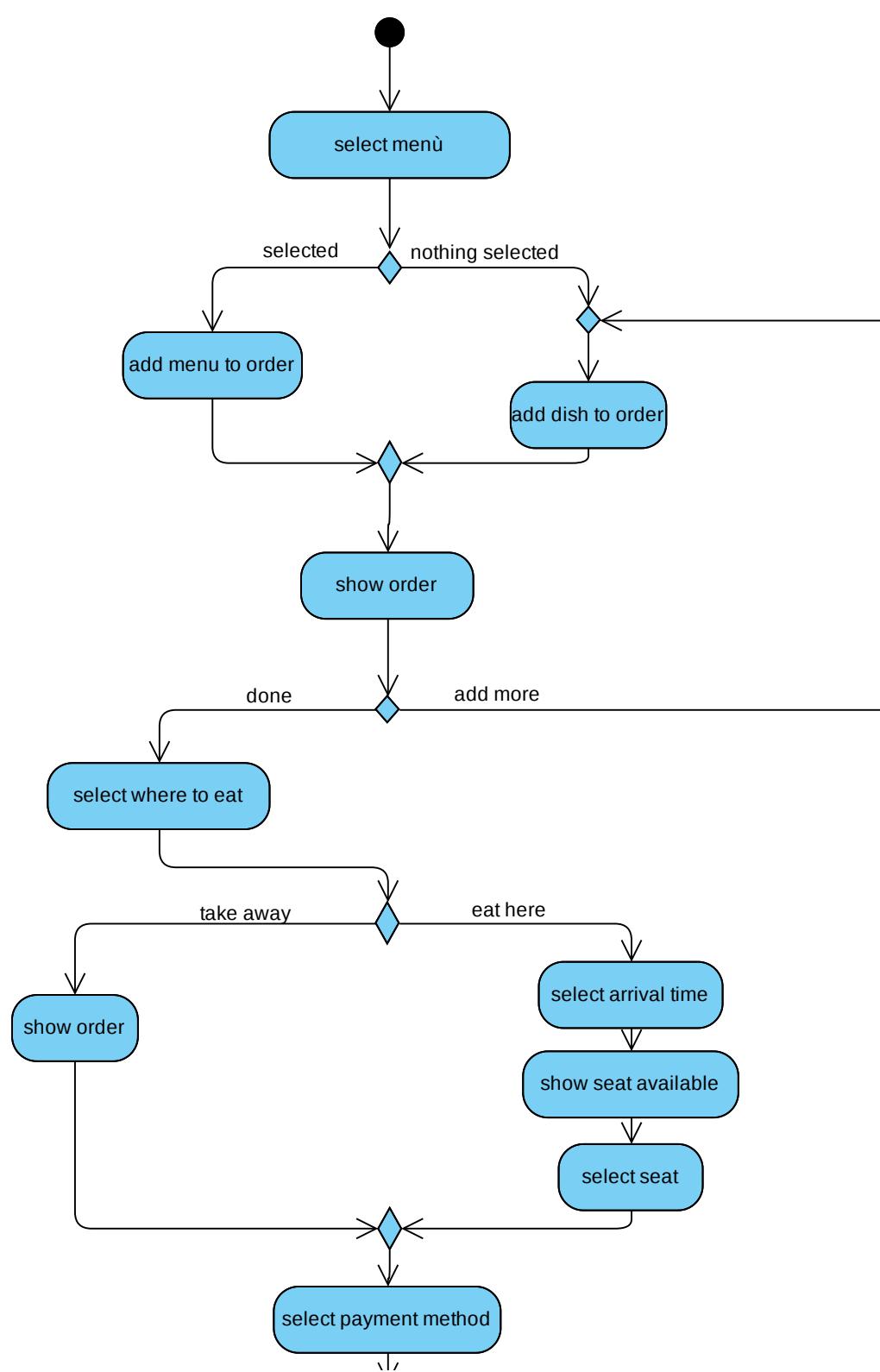
Category: fixed set of kind of dishes (first, second, side dish, fruit, sweet, drinks)

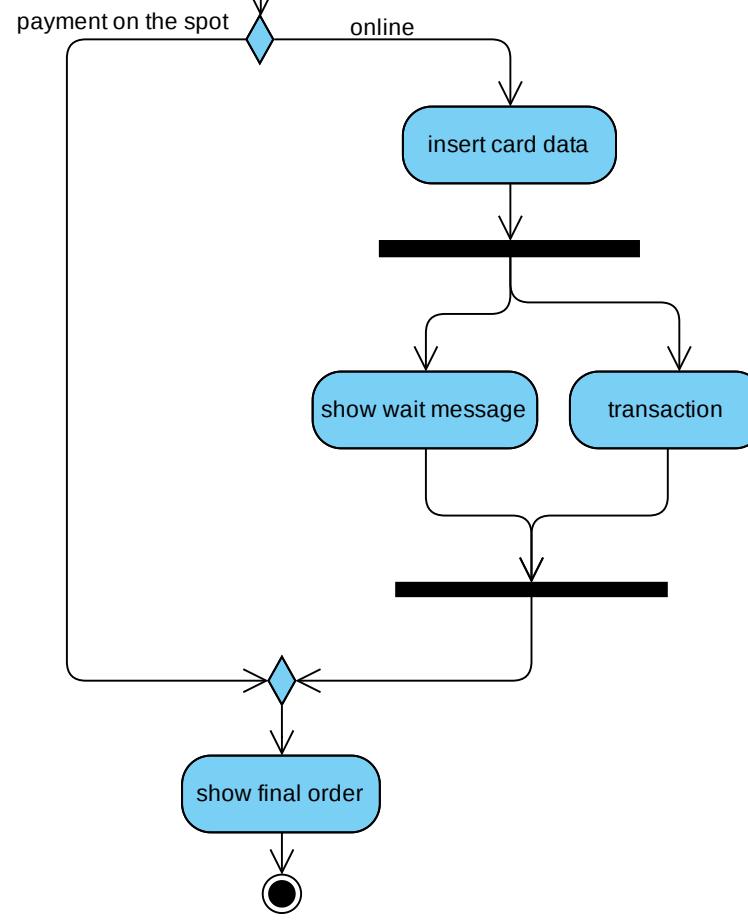
Menu: subset of dishes' categories (first + second + side dish + fruit, first + side dish + fruit, ...)



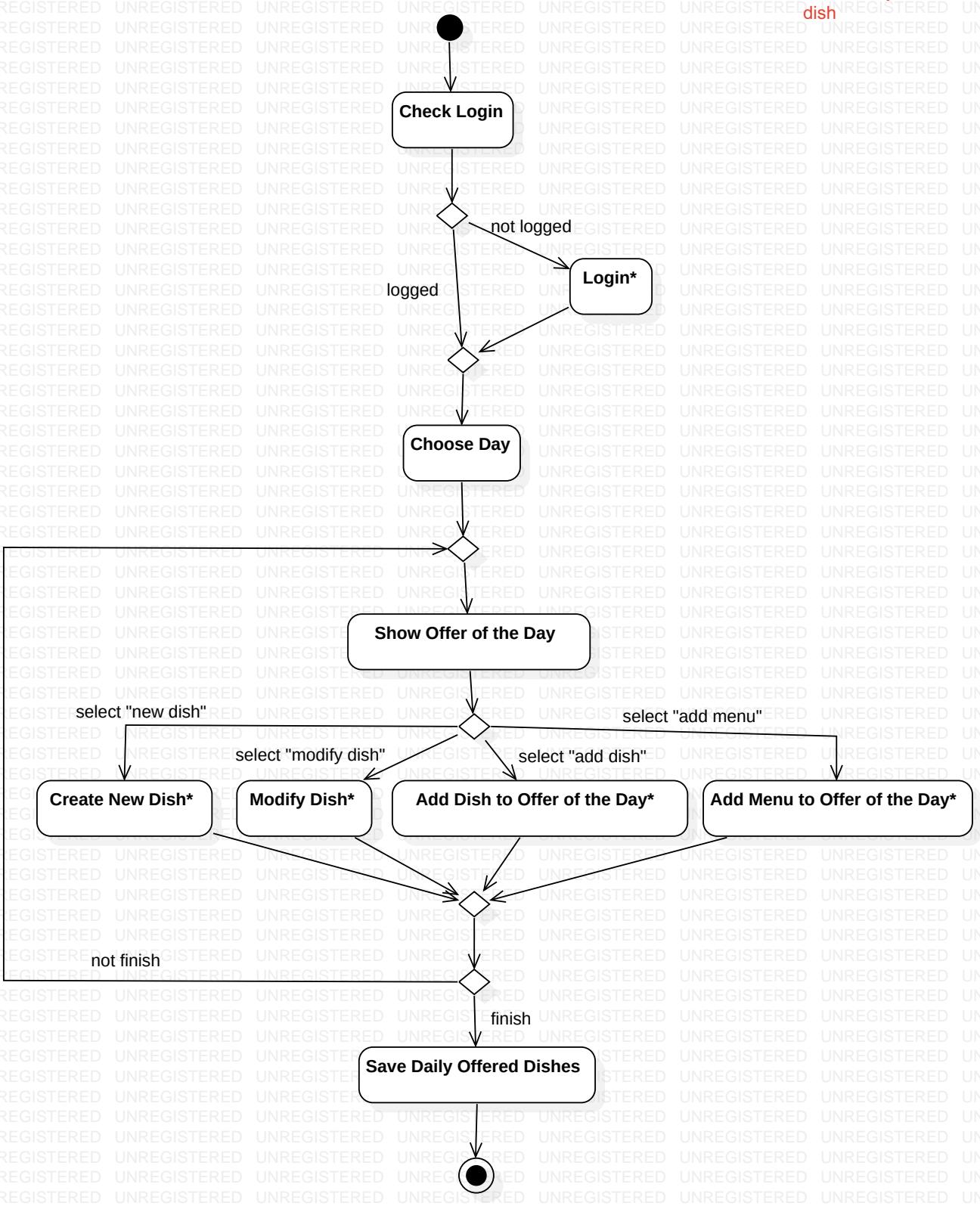
ProjectCanteen

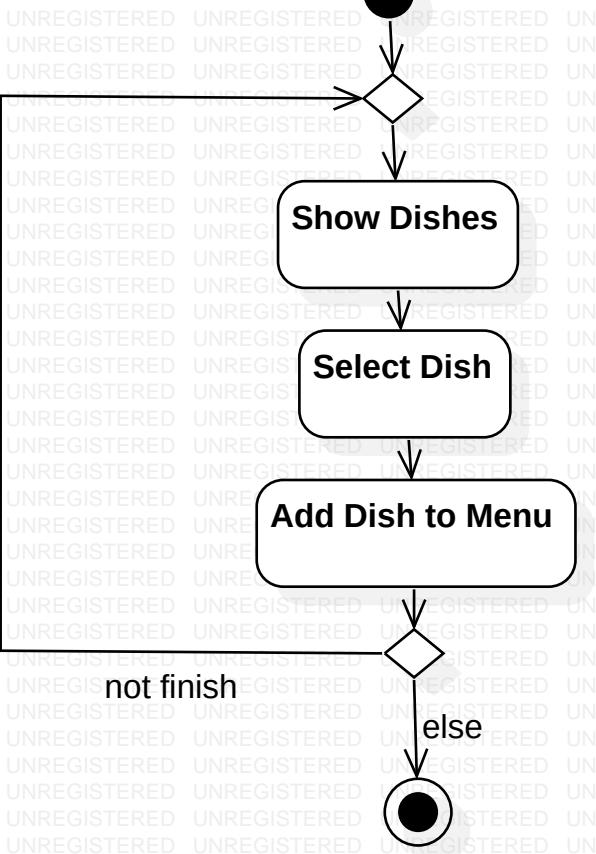




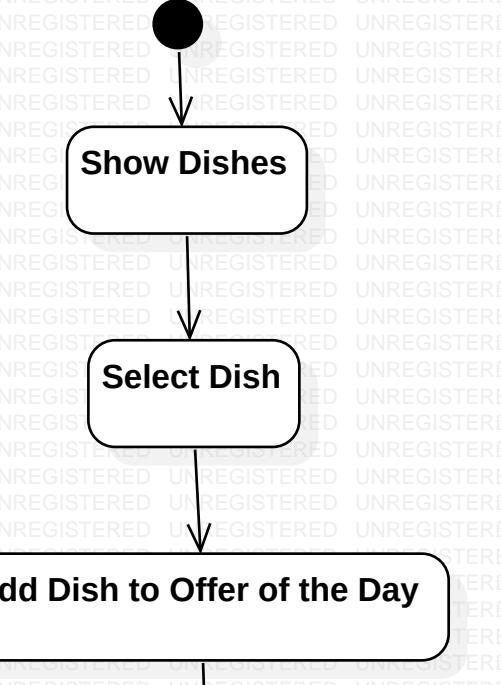


define daily offered dish

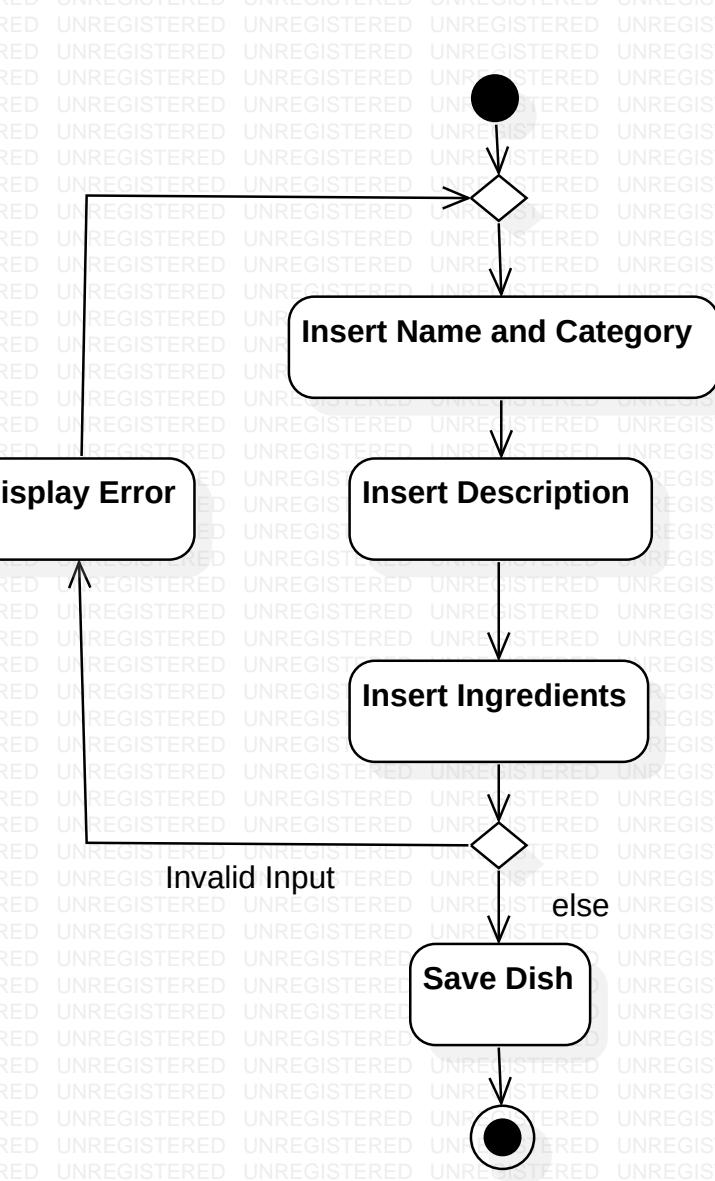




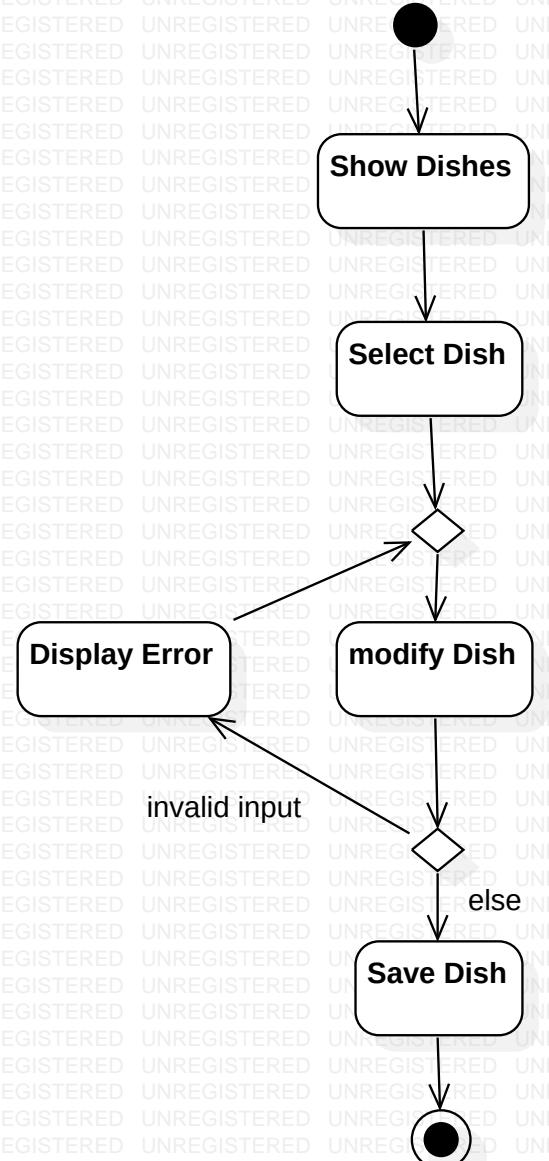
Add dish to offert of
the day

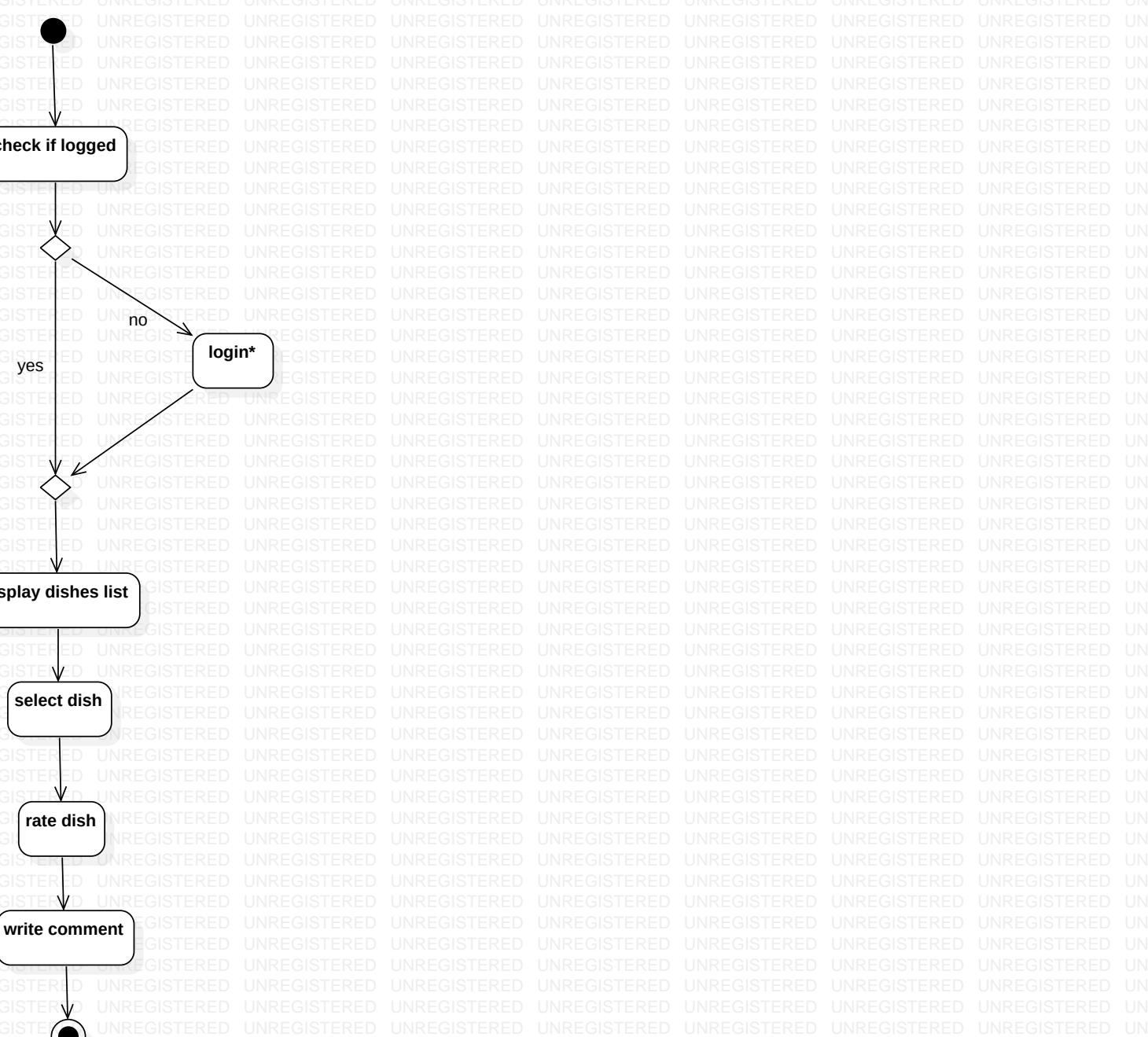


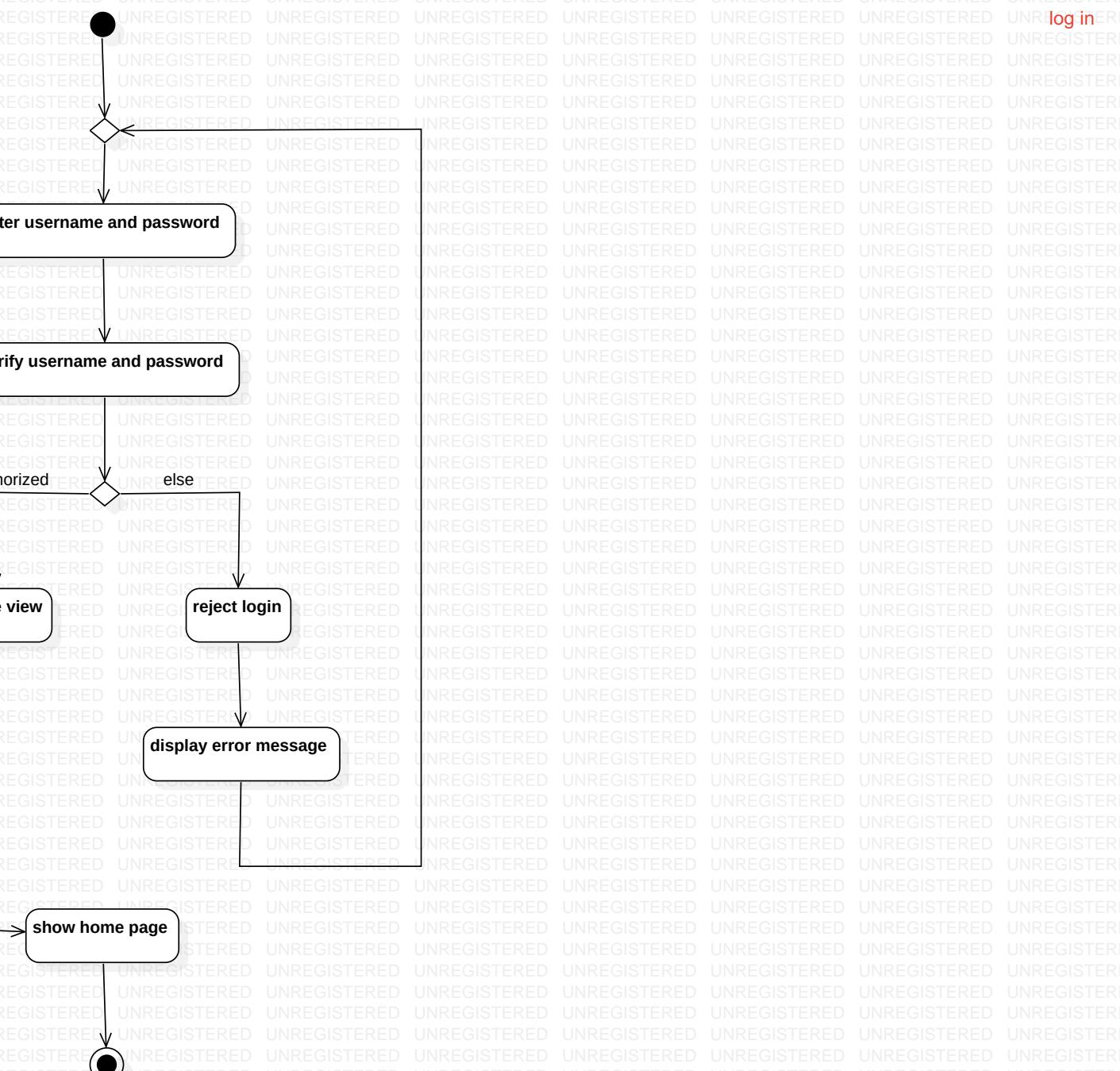
create new dish



modify dish







[Choose menu](#)[Add dishes](#)[Payment methods](#)[Confirm](#)[Sign-in](#)[Sign-up](#)

Sign up for a free account

First nameLast nameEmail addressCreate password[Register](#)

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menu](#)[Add
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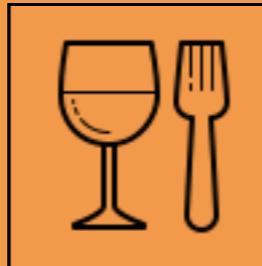
Log In Your Account

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menu](#)[Add
dishes](#)[Payment
methods](#)[Confirm](#)[Sign-in](#)[Sign-up](#)

Choose , sit , enjoy your food

Start ordering

[Choose menu](#)[Add dishes](#)[Payment methods](#)[Confirm](#)[Sign-in](#)[Sign-up](#)

Choose what you want

Choose a preselected menu or add singular dishes to create your own menu

Menu



Primi Piatti



Secondi Piatti



Contorni



Frutta/Dolce



Bevande





Choose
menu

Add
dishes

Payment
methods

Confirm

Sign-in

Sign-up

Choose what Menu you want

Description

Menu 1



Menu 2



Menu 3



Menu 4



Menu 5



Menu 6



Back

Continue



Choose
menu

Add
dishes

Payment
methods

Confirm

Sign-in

Sign-up

Choose dish to add

Ingredients

Dish 1



Dish 2



Dish 3



Dish 4



Dish 5



Dish 6



Rate



Back

Continue