

Use Cases: Internal Steps

Name: **Add dish**

1. The Restaurateur requests to construct a schedule.
2. The system prepares a blank schedule form.
3. The system gets dish types from the database.
4. The Restaurateur selects one dish type, types the dish name into the system, and adds an ingredient* until there is an ingredient to be added to the dish.
5. After each ingredient selection, the system presents the ongoing list of selected ingredients.
6. The Restaurateur indicates the schedule is complete.
7. The system saves the schedule into the database.
8. The system presents the successfulness of the schedule-saving operation.

Extensions:

- 1a. *Restaurateur already has a schedule*: The system brings up the current version of the Restaurateur's schedule instead of creating new ones.
- 3a. *Database does not respond*: The system notifies the Restaurateur and terminates the use case.
- 4a. *More than one dish type selected*: The system removes the first dish type selection, selects only the last dish type selected by the Restaurateur and presents said selection.
- 5a. *Same ingredient selected more than once*: The system notifies the Restaurateur and removes the double from the dish ingredient list.
- 6a. *No ingredient selected or no dish type selected or no dish name defined or there is already a dish with the same name in the menu*: The system notifies the Restaurateur.
- 7a. *Database does not respond*: The system notifies the Restaurateur and terminates the use case.

Adds an ingredient*: It refers to the use case *Add ingredient*.