The Little Inn

# Requirements

## Software Responsibilities

The software is expected to take care of

* Working-hours for staff
* commodity storage
* room reservation
* meal orders
* recipes

## Key Stakeholders with criteria for success

* Guest
  + Can place meal order and get the meal as quickly as possible
  + Can book bed & breakfast room
  + Can submit/return commodities
* Customer
  + Wants the guests at the Bed & Breakfast to stay for longer and/or
  + To eat at the Inn more often
  + Wants software to be flawless
* Staff
  + All
    - Able to check in/out
    - Can look up working hours
  + Chef
    - Can look up meal orders
    - Can look up a recipe
    - Can register cooked food
  + Servant
    - Same as Chef
    - Can take and serve meal order
  + Receptionist (Mrs. Brown)
    - Can handle room reservations
    - Can handle commodity storage
  + Supervisor (Mr. Brown)
    - Same as Chef
    - Same as Servant
    - Same as Receptionist
    - Can handle recipes
    - Can handle working hours

## Actors (nested list)

These are the obvious actors involved

* Guest (Staying visitor)
* Table (RestaurantTable)
* Staff
  + Chef
  + Servant
  + Receptionist
  + Supervisor
* Inn
  + WorkTracker
  + Reception (Receptionist)
    - ReservationBook
    - CommodityStorage
  + Restaurant (Servants)
    - MenuCard
      * MenuItem (i.e. Food/Beverage)
    - Register
      * MealOrder
      * MealOrderLine
  + Kitchen (Chefs)
    - RecipeBook
      * Recipe (for Food/Beverage)
    - Food
    - Beverage

## Role Responsibilities

|  |  |  |
| --- | --- | --- |
| **Role** | **Responsibilities** | **Features** |
| Restaurant | * Meal orders * Menu card |  |
| Kitchen | * Recipe Book * Meal orders |  |
| Meal Order | * Info about the order |  |
| RoomRegister | * Rooms | * Add room * Change room * Remove room |
| RecordRegister | * Room Reservations | * Add reservation * Change reservation * Cancel reservation |
| TimeLog | * Working hours | * List Checks * Check in * Check out |
| WorkSchedule | * WorkSessions | * Add Session * Remove Session * Change Session * List Sessions |
| Recipe Book | * Recipes | * Add recipe * Change recipe * Remove recipe |
| Guest | - | * Book room(s) * Buy commodities |
| Table | - | * Place Meal order * Reserve room |
| Staff | * Employees | * Add Employee * Change Employee * Remove Employee * List Employees |
| Chef | * Kitchen | * Register a cooked meal * Look up recipe |
| Servant | * Tables | * +Chef * Take meal order * Place meal order in Kitchen * Serve food/drinks to Table |
| Receptionist | * Reservation Book * Commodity Storage | * Take room reservation * Register sales and bill Guests for commodities |
| Supervisor | * Reservation book | * +Chef * +Servant * +Receptionist * Lookup working hours for all staff * Add recipe * Change recipe * Delete recipe |