Software Requirement Specification

Wine and Dine

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# Requirement description

## Wine and Dine Application

Wine and Dine is application for restaurants ant their clients, it will provide services for clients who want to make orders, and restaurants to process them. In addition, clients will be able to leave reviews and preview them on public page. The restaurants will be able to manage their own profile and menu and receive orders and reservations. Administrator will be able to manage restaurants and other page services.

System actors:

* Administrator
* Restaurant
* Client
* Anonymous user

### Common requirements

### Administrator pages

Administrator is authenticated user with privileges to manage the application and content.

#### Administrator landing page

Actors:

* Administrator

Steps:

1. User logs in at the application with correct credentials
2. For correct credentials system redirects the application at administrator landing page
3. Administrator at this page can preview basic dashboard information (potentially different use case)

Success criteria:

* Administrator is redirected to admin landing page for correct credentials

Alternate scenario:

1A. The user enters wrong credentials

2A. System displays adequate message for wrong credentials

### Administrators page

Administrator can preview, add, and remove administrators at this page

Steps:

1. Administrator clicks menu item Administrators (visible only for role Administrator)
2. System redirects to new page where list of administrator is displayed
3. System provides buttons for adding new administrator, edit or delete existing administrators
4. System prevents the Administrator to use delete function on his own user

#### Add new administrator

Preconditions:

* User is at administrators landing page

Steps:

1. Administrator clicks Add new administrator button
2. System redirects to new page (or opens modal) where the administrator can enter Username, First Name, Last Name and email for the new administrator
3. Administrator fills all fields and clicks Add, where Username should be unique
4. System generates password for the newly added administrator with moderate complexity
5. System sends email notification to the new administrator with his credentials
6. System saves the new administrator user

#### Edit existing user

Preconditions:

* User is at administrators landing page

Steps:

1. Administrator selects one of the existing administrator users and clicks Edit button
2. System redirects to new page (or opens modal) where the administrator can edit, Frist Name and Last Name
3. Administrator edits the fields and clicks Save
4. System saves the changes

Success criteria:

* Changes are saved and next time are visible

#### Delete user

Preconditions:

* Administrator is at administrators landing page

Steps:

1. Administrator selects the user he wants to delete
2. Administrator clicks Delete button
3. System deletes the user from repository

#### Get restaurant expensiveness rating

Preconditions:

* User is at Restaurants screen

Steps:

1. Administrator selects Restaurant
2. Administrator clicks button Get expensiveness rating
3. System calculates Expensiveness Rating by the following rules:

* System calculates average Drinks price, average Starter price, average Main Course and average Desert
* If average Drinks price is more than 150 and average Main course price is more than 400 together, then Restaurant is rated as Expensive
* If average Starter price is more than 250 and average Desert price is more than 300, then Restaurant is rated as Expensive
* If any of the previous rules is satisfied, restaurant is Expensive else is Cheap

### Restaurant pages

#### Open bill for table

Table is assigned to client when they come to restaurant, and bill is open. The user can include items from the menu at the bill until it is closed. When closed, bill or invoice is printed.

Precondition:

* Restaurant user is at Daily work screen

Steps:

1. Restaurant clicks button Add new bill
2. System opens new window with field where user can enter table number
3. System adds new bill and focused the screen at the new bill where the user can add items or close the bill
4. Restaurant can add items to the bill and click save
5. System saves the items to the bill
6. System closes the Bill screen and opens the Daily work screen

Success criteria:

* New bill is saved in repository, if items are added these items are saved related to this bill

#### Add new menu items to bill

Preconditions:

* User is at Daily work screen

Steps:

1. Restaurant selects table from Open tables list
2. System opens the Bill screen where the user can add items or close the bill
3. The user clicks the Add item button
4. The system opens list of items from menu, where the user can either directly select item or start writing the name of the item
5. The system narrows the list of items If the user starts writing the name of the item with items containing the string in the name
6. The user selects the item he wants to add to the bill
7. The system adds the item to the bill
8. The user clicks Save bill
9. The system closes the Bill screen and opens the Daily work screen

Success criteria:

* New item is saved to the bill

#### Add menu

-Actor: Restaurant Admistrator

1. User clicks Add New Menu
2. System opens form for new menu
3. System fills list of Restaurants
4. User fills the form for Restaurant (Selects form list of restaurants)
5. User adds new Items from list of items (UC – Add new item to menu)

#### Add new item to menu

# Change History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Changes | Author |
| 09.09.2018 | 01 | Initial documentation | Igor Naumoski |
| 09.14.2018 | 01 | Added Use case Restaurant expensivnes rating | Igor Naumoski |