**GENERAL SPECIFICATION**

This document is general specification

*Ver 1.0 (Created by Duong Thi Nhai 09/10/2016)*

**1. Login/ Logout**

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| **Use case name** | Login / Logout | |
| **Scenario** | * Login: Provide user a session to access the website. * Logout: Stop granting access the website. | |
| **Brief description** | This use case describes how a user logs into the Coffee website. | |
| **Actors** | Staff/ Manager | |
| **Related use case** | - | |
| **Preconditions** | * Logout: user must be login first. | |
| **Flow of events** | Actor | System |
| 1. **Login** 2. **Logout** | 1. User input username and password and click button “Login”  2. User click button “Logout” | * 1. The system will check that user is exist in database or not. If that user doesn’t exist, the success message “Login successfully” is given. By other way, an error message “Please login again” is display.   2.1 The system will kick them out of website, therefore they can’t access to the website. |
| **Extension flow of events** | 1. If user haven’t had any account yet, they can click on “Sign up” then fill in blank with register user.  2. If user had an account already but they input wrong username or password, the system will let them know “Please login again”.  3. People can’t log out without logging in. | |
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1. **Manage Posts**

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| **Use case name** | Manage Posts | |
| **Scenario** | Create, display, edit and delete post | |
| **Brief description** | For the first time people interact with this function, there is nothing to display, just adding Post. After saving that post, it will be list all posts we have with two more action for each post: edit and delete. Editing allow admin to change something in their posts by typing something they want in right given input form. Deleting helps them to delete the post they don’t want to appear in website. | |
| **Actors** | Staff | |
| **Related use case** | - | |
| **Preconditions** | Button **Add Posts** must be always available for admin to create new post at the very first time. | |
| **Flow of events** | Actor | System |
| 1. **Add Post** 2. **View Post** 3. **Edit Post** 4. **Delete Post** | 1. User click on Add Post link and then fill in blank with title and main content and click Post button. 2. Click to name of any Post.   3.1User click edit link.  3.2 User change information in the form that they want and click save.   1. User click button delete to delete something they don’t want to appear in their website. | * 1. User will be directed to a page, where they are required to enter their new information for that Post   2. After saving post, a new record will be created in database to store that post.   2.1 They will take them to all content of that post by showing id, title, body and date created.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that post are saved in database.  4.1 That post is disappear and all the other posted is listed. |
| **Extension flow of events** | 1. For the very first time when system have no post to display, a message “The post is empty” is shown to let user know that. 2. For inputting information in “add post” and “edit post” function, “title” and “body” filed must be required. Therefore, user must be fill in with those fields. If that two fields are empty, the system will give user a message to remind them. 3. “Date created” are automatically input by the system, therefore, user can’t change this field. 4. If user delete all the post in database, so there is nothing to list in index page. In this case, system will send them a message “The post is empty”. | |
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1. **Manage Ingredient**

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| **Use case name** | Manage Ingredient | |
| **Scenario** | Create, display, edit and delete ingredient | |
| **Brief description** | User can save new ingredient by click “Add ingredient”, besides they also can edit and delete them by choosing “edit” or “delete” link on action cell in screen. When click on any name of ingredient, the detail of all information are displayed. | |
| **Actors** | Staff | |
| **Related use case** | - | |
| **Preconditions** | - | |
| **Flow of events** | Actor | System |
| 1. **Add Staff** 2. **Edit Staff** 3. **View Ingredient** 4. **Delete Ingredient** | 1. User click “Add staff” to add more staff and save them all.   2.1 Choose “edit” a staff if admin want to change something belongs to a staff (name, date of birth, phone number, address and started date).   * 1. User change some feature in forms that are listed and click “save”.   3. User can click on name of any staff to view detail information.  4. “Delete” link is click to delete all information belongs to that ingredient. | * 1. User is directed to a new page with given form that they must input all information for that staff. After that when button “Save” is clicked, a new record is created in database.   2. All information of that staff are display in that form.   2.2 The information after changing is saved.  3.1 All information will be display to show id, name, date of birth, address, phone number and started date of that staff.  4.1 The system delete all information of that record in database. |
| **Extension flow of events** | 1. For the very first time when system have no ingredient to display, a message “The ingredient is empty” is shown to let user know that.   2. For inputting information in “add ingredient” and “edit ingredient” function, “name” and “quantity” filed must be required. Therefore, user must be fill in with those fields. If that two fields are empty, the system will give user a message to remind them.  3. “Date created” are automatically input by the system, therefore, user can’t change this field.  4. If user delete all the ingredient in database, so there is nothing to list in index page. In this case, system will send them a message “The ingredient is empty”. | |

**3. Manage Staffs**

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| **Use case name** | Manage Staffs | |
| **Scenario** | Create, display, edit and delete a staff | |
| **Brief description** | User can add new staff to manage or editing, deleting information of that staff. | |
| **Actors** | Administration | |
| **Related use case** | - | |
| **Preconditions** | Button **Add Staff** must be always available for admin to create new post at the very first time. | |
| **Flow of events** | Actor | System |
| **1. Add Staff**  **2. View Staff**  **3. Edit Staff**  **4. Delete Staff** | 1. User click on “Add Staff” link and then fill in blanks and click Save button.  2. Click to name of any Staff.  3.1User click edit link.  3.2 User change information in the form that they want and click save.  4. User click button delete to delete a staff that they don’t work for their company any more. | 1.1 User will be directed to a page, where they are required to enter their new information for that Staff  1.2After saving staff, a new record will be created in database to store that information.  2.1 They will take them to all content of that post by showing id, title, body and started date.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that staff are saved in database.  4.1 That staff is disappear and all the other staff is listed. |
| **Extension flow of events** | 1. For the very first time when system have no staff to display, a message “The staff table is empty” is shown to let user know that.  2. For inputting information in “add staff” and “edit staff” function, “name” and “dob” filed must be required. Therefore, user must be fill in with those fields. If that two fields are empty, the system will give user a message to remind them.  3. If user delete all the staff in database, so there is nothing to list in index page. In this case, system will send them a message “The staff table is empty”. | |
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**4. Manage members**

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| **Use case name** | Manage Members | |
| **Scenario** | Create, display, edit and delete member | |
| **Brief description** | For the first time people interact with this function, there is nothing to display, just adding Member. After saving that member, it will be list all members we have with two more action for each member: edit and delete. Editing allow admin to change something in that member by typing something they want in right given input form. Deleting helps them to delete the member. | |
| **Actors** | Staff | |
| **Related use case** | - | |
| **Preconditions** | Button **Add Member** must be always available for admin to add new staff at the very first time. | |
| **Flow of events** | Actor | System |
| **1. Add Member**  **2. View Member**  **3. Edit Member**  **4 .Delete Member** | 1. User click on “Add Member” link and then fill in all blanks (name, date of birth, phone number) and click Save button.  2. Click to name of any Member.  3.1User click edit link.  3.2 User change information in the form that they want and click save.  4. User click button delete to delete a member. | 1.1 User will be directed to a page, where they are required to enter their new information for that Member  1.2After saving member, a new record will be created in database to store that post.  2.1 They will take them to all content of that member by showing id, name, date of birth, phone number and date created.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that member are saved in database.  4.1 That member is disappear and all the other member is listed. |
| **Extension flow of events** | 1. For the very first time when system have no member to display, a message “The Member is empty” is shown to let user know that.  2. For inputting information in “add member” and “edit member” function, “name”, “date of birth” and “phone number” filed must be required. Therefore, user must be fill in with those fields. If that three fields are empty, the system will give user a message to remind them.  3. “Date created” are automatically input by the system, therefore, user can’t change this field.   1. If user delete all the members in database, so there is nothing to list in index page. In this case, system will send them a message “The member is empty”. | |
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**5. Manage Purchase**

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| **Use case name** | Manage Purchase | |
| **Scenario** | Create, display, edit and delete purchase | |
| **Brief description** | Manage Purchase allows admin to create new record for member when they buy new item, display customer’s purchase with full information like name of item, price and membership point. Edit and Delete purchase let administrator change some features of that purchase or delete them from the database. | |
| **Actors** | Staff | |
| **Related use case** | Manage Members | |
| **Preconditions** | - | |
| **Flow of events** | Actor | System |
| **1. Add Purchase**  **2. View Purchase**  **3. Edit Purchase**  **4. Delete Purchase** | 1. User click on “Add Purchase” link and then fill in blank with title and main content and click Post button.  2. Click to name of any Purchase.  3.1User click edit link.  3.2 User change information in the form that they want and click save.  4. User click button delete to delete some purchase they don’t want to appear in their website. | 1.1 User will be directed to a page, where they are required to enter their new information for that Post  1.2After saving purchase, a new record will be created in database to store them.  2.1 They will take them to all content of that purchase by showing id, name of item, price, membership point and date created.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that purchase are saved in database.  4.1 That purchase is disappear and all the other purchases are listed. |
| **Extension flow of events** | 1. A purchase must belongs to a member, therefore, if there is no member exist, it means no purchase.  2. All the fields in purchase table must be required, so user must be fill all information for that form.  3. “Date created” are automatically input by the system, therefore, user can’t change this field.  4. If admin delete all the purchase in database, so there is nothing to list in index page. In this case, system will send them a message “The purchase is empty”. | |
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**6. Manage Promotion Events**

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| **Use case name** | Manage Promotion Events | |
| **Scenario** | Create, display, edit and delete promotion events | |
| **Brief description** | Admin will decide the promotion for their shop. They can create new event, set started date and the time when that event finish. In addition they also can see all the list of event form the previous time or they are allowed to edit any event they want even deleting them all. | |
| **Actors** | Administration | |
| **Related use case** | - | |
| **Preconditions** | - | |
| **Flow of events** | Actor | System |
| **1. Add Promotion Event**  **2. View Promotion Event**  **3. Edit Promotion Event**  **4. Delete Promotion Event** | 1. User click on Add Promotion Event link and then fill in blank with title and main content and click Save button.  2. Click to name of any Promotion Event.  3.1User click edit link.  3.2 User change information in the form that they want and click Save.  4. User click button delete to delete something they don’t want to appear in their website. | 1.1 User will be directed to a page, where they are required to enter their new information for that event.  1.2 After saving post, a new record will be created in database to store that post.  2.1 They will take them to all content of that promotion event by showing id, name, started date and end date.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that promotion event are saved in database.  4.1 That promotion event is disappear and all the other posted is listed. |
| **Extension flow of events** | 1. For the very first time when system have no promotion event to display, a message “The promotion event is empty” is shown to let user know that.  2. For inputting information in “add promotion event” and “edit promotion event” function, all the fields must be required. If that fields are empty, the system will give user a message to remind them.  3. If user delete all the promotion event in database, so there is nothing to list in index page. In this case, system will send them a message “The promotion event is empty”. | |
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**8. Manage Food**

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| **Use case name** | Manage Food | |
| **Scenario** | Create, display, edit and delete food in menu | |
| **Brief description** | Manager can add new food or drink, and they can edit or delete one food from the website. | |
| **Actors** | Manager | |
| **Related use case** | - | |
| **Preconditions** | - | |
| **Flow of events** | Actor | System |
| **1. Add Food**  **2. View Food**  **3. Edit Food**  **4. Delete Food** | 1. User click on Add Food link and then fill in blank with name, price and click Save button.  2. Click to name of any Food.  3.1User click edit link.  3.2 User change information in the form that they want and click save.  4. User click button delete to delete something they don’t want to appear in their website. | 1.1 User will be directed to a page, where they are required to enter their new information for that Food.  1.2 After saving food, a new record will be created in database to store that record.  2.1 They will take them to all content of that food by showing id, name, and price.  3.1 The user will be directed to a page that all form with information of that page are displayed.  3.2 All new information of that information for food are saved in database.  4.1 That food is disappear and all the other list of food and drink is listed. |
| **Extension flow of events** | 1. For the very first time when system have no food to display, a message “The food is empty” is shown to let user know that.  2. For inputting information in “add food” and “edit food” function, “name” and “price” filed must be required. Therefore, user must be fill in with those fields. If that two fields are empty, the system will give user a message to remind them.  3. If user delete all the food in database, so there is nothing to list in index page. In this case, system will send them a message “The product is empty”. | |
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