

**CAPSTONE PROJECT 1**

**Virtual Service-Staff System**

USER INTERFACE DESIGN DOCUMENT

**Version: 1.0**

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**PROJECT INFORMATION**

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|  |  |  |

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1. **Introduction**
   1. **Purpose**

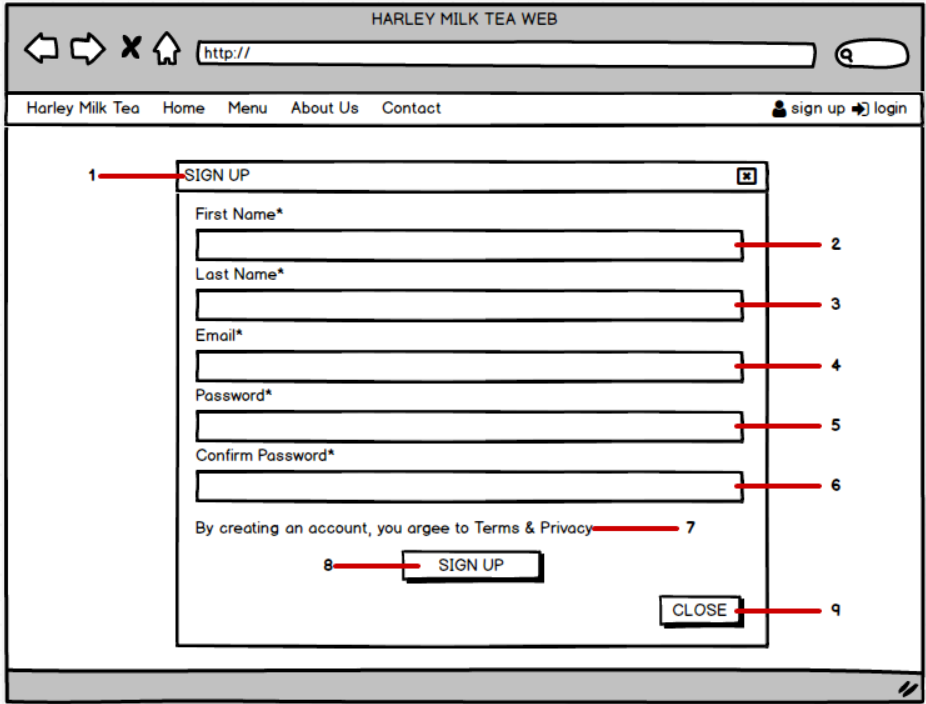
This document describes the interface design of virtual service staff system.

* 1. **Scope**
* Overview of the stage of the software.
* Create complete interface and describe them clearly.

1. **List of Interface**

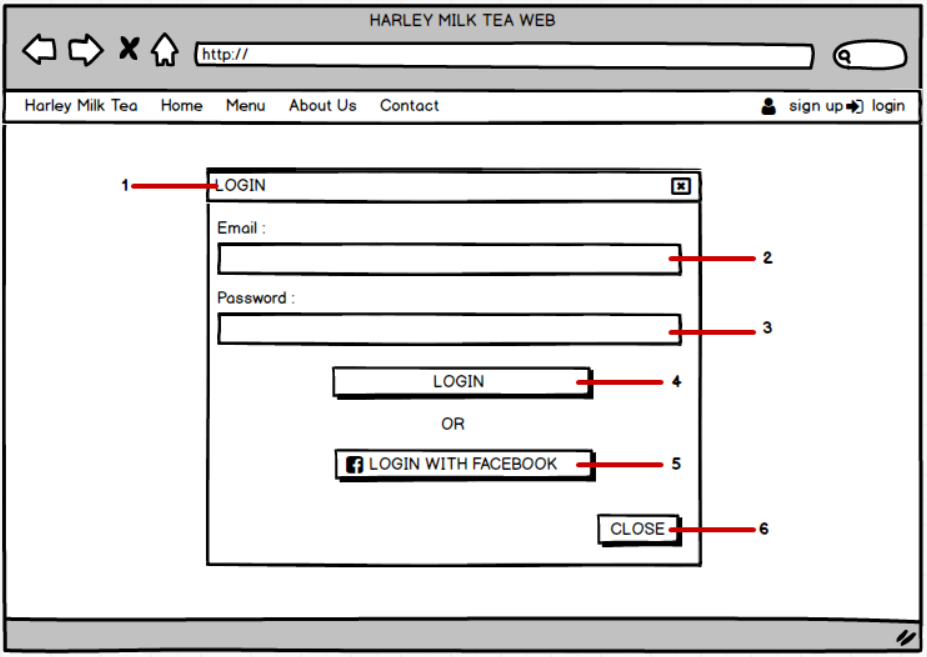
|  |  |
| --- | --- |
| **UI ID** | **UI Name** |
| UI\_01 | Sign Up |
| UI\_02 | Login |
| UI\_03 | User Management |
| UI\_04 | Add New User |
| UI\_05 | View Detail |
| UI\_06 | Edit |
| UI\_07 | Add New Beverage |
| UI\_08 | Update Beverage |
| UI\_09 | View Beverage |
| UI\_10 | Delete |

1. **Describe User Interface**
   1. **UI\_01: Sign up**



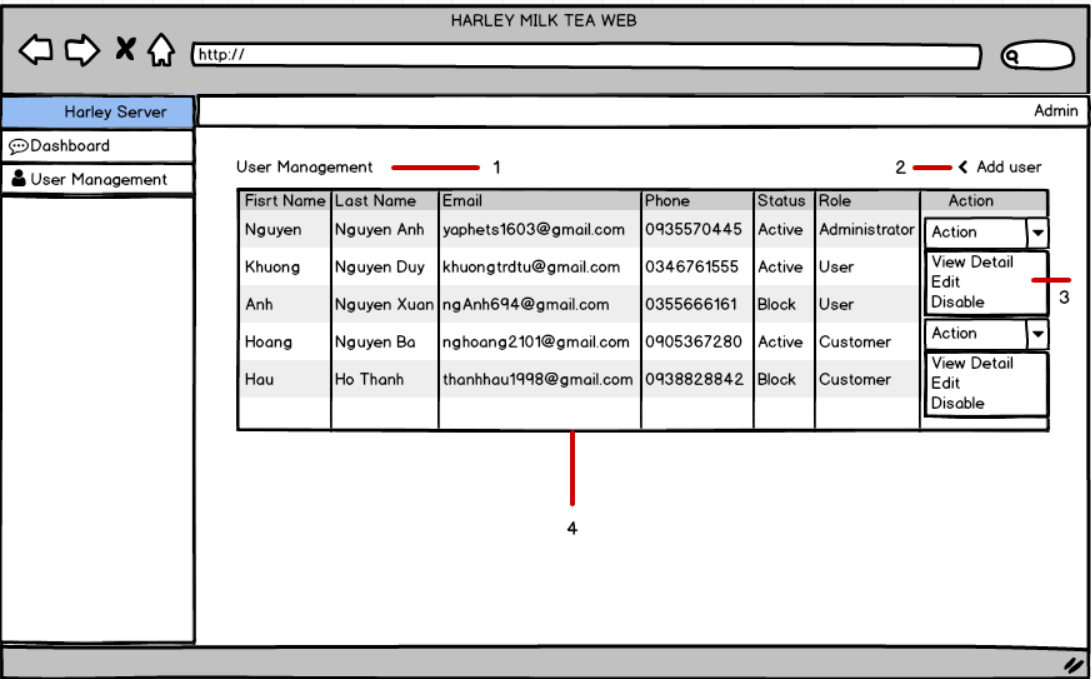
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Sign up | | | |
| **Description** | | Sign up new account | | | |
| **How to access** | | Click to “Sign up” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Sign up” header | | <h> | Display Sign up header | |
| 2 | “First Name” input | | <input> | Display the input first name textbox | |
| 3 | “Last Name” input | | <input> | Display the input last name text box | |
| 4 | “Email” input | | <input> | Display the input email textbox | |
| 5 | “Password” input | | <input> | Display the input password textbox | |
| 6 | “Confirm password” input | | <input> | Display the input confirm password textbox | |
| 7 | Confirmation text | | <p> | Display confirmation when registering an account | |
| 8 | “Sign up” button | | <button> | Click to sign up | |
| 9 | “Close” button | | <button> | Click to close | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into first name textbox | | | Input first name | | Required, max length 120 |
| Input into last name textbox | | | Input last name | | Required, max length 120 |
| Input into email textbox | | | Input email | | Email not correct |
| Input into password textbox | | | Input password | | Too short,  too long,  content special characters |
| Input into confirm password textbox | | | Input confirm password | | Required |
| Click into “Sign up” button | | | Sign up seccessful | | None |
| Click into “Close” button | | | Close this form | | None |

* 1. **UI\_02: Login**



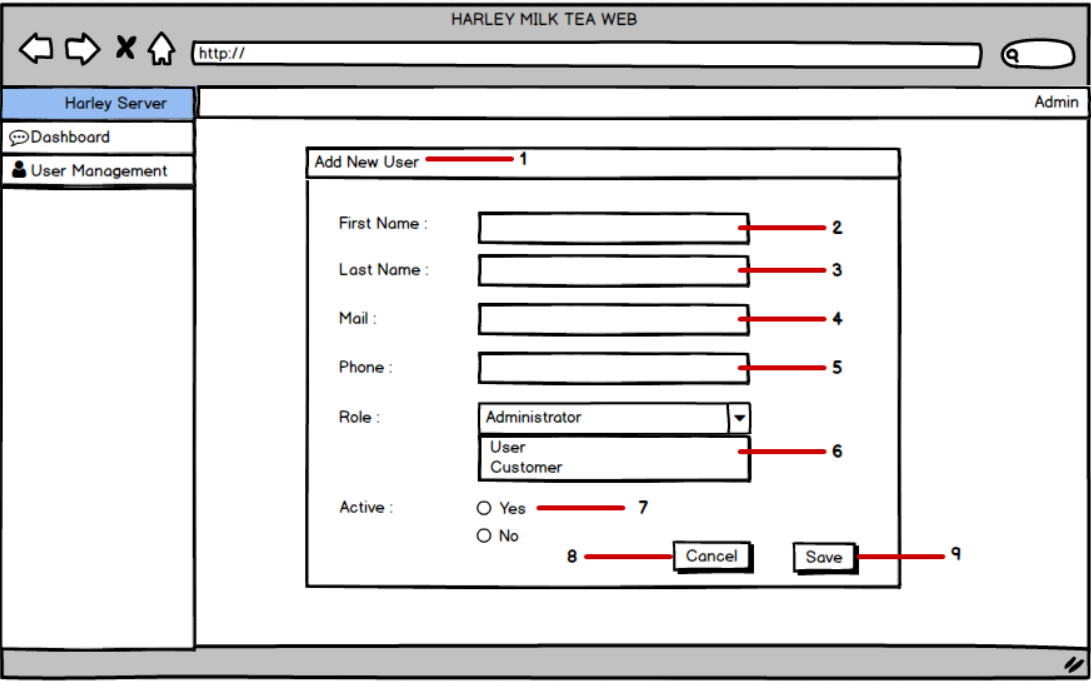
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Login | | | |
| **Description** | | Login | | | |
| **How to access** | | Click to “Login” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Login” header | | <h> | Display login header | |
| 2 | “Email” input | | <input> | Display the input email textbox | |
| 3 | “Passsword” input | | <input> | Display the input password textbox | |
| 4 | “Login” button | | <button> | Click to login | |
| 5 | “Login with Facebook” button | | <button> | Click to login with Facebook account | |
| 6 | “Close” button | | <button> | Click to close | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into email textbox | | | Input email | | Email not correct |
| Input into password textbox | | | Input password | | Too short,  too long,  content special characters |
| Input into login textbox | | | Login seccessful | | Email and password are not correct |
| Click into “Login with Facebook” button | | | Login Facebook account successful | | No account |
| Click into “Close” button | | | Close this form | | None |

* 1. **UI\_03: User Management**

****

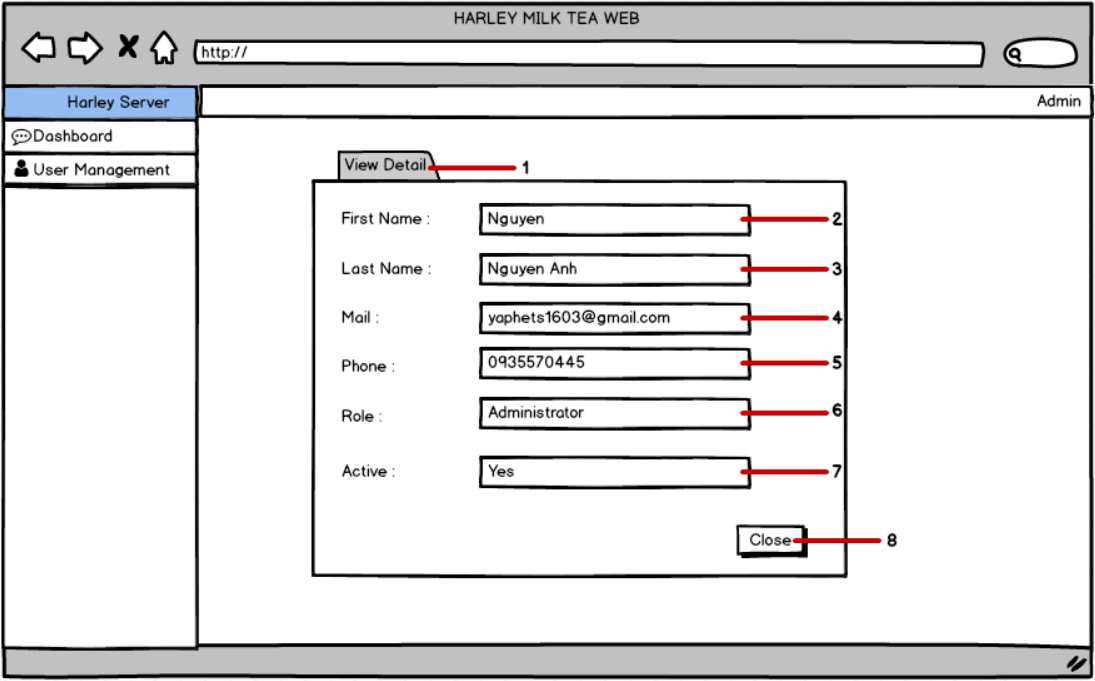
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | User Management | | | |
| **Description** | | User Management | | | |
| **How to access** | | Click to “User Management” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “User Management” header | | <h> | Display user management header | |
| 2 | “Add New User” button | | <button> | Click to add new user | |
| 3 | Action option | | <option> | Contain list of actions (view detail,edit,disable) | |
| 4 | Data table | | <table> | Display data of accounts | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Click into “Add New User ” option | | | Add new user | | None |
| Click into “Action” option | | | Show list of actions | | None |

* 1. **UI\_04 : Add New User**

****

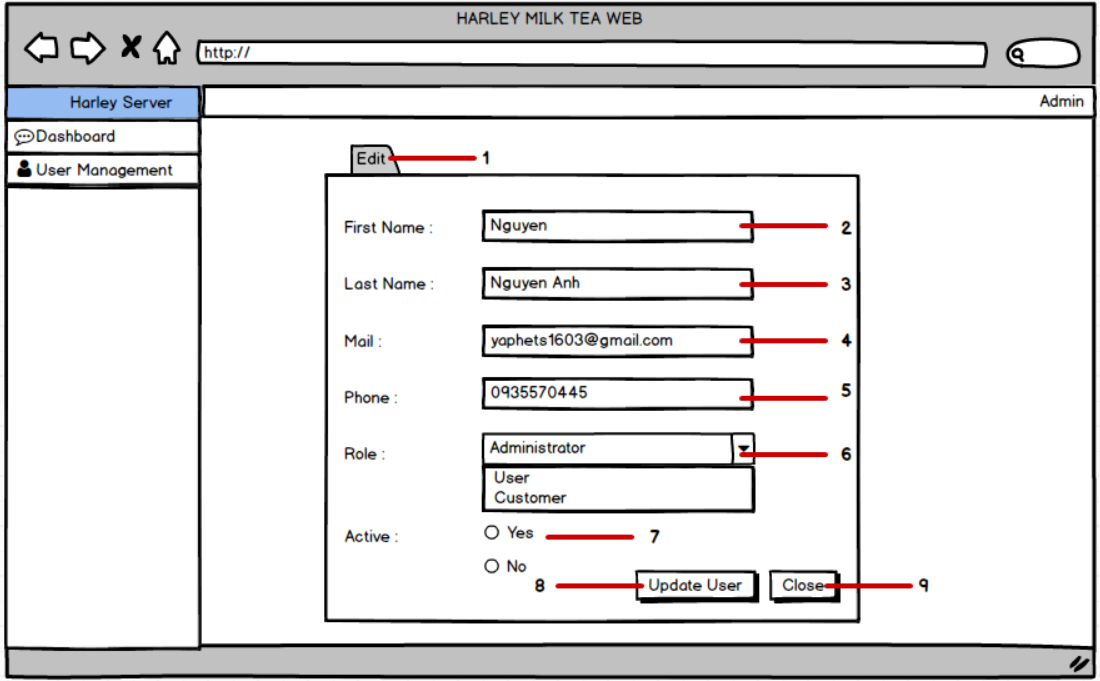
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Add new user | | | |
| **Description** | | Add new user | | | |
| **How to access** | | Click to “Add new user ” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Add new user ” header | | <h> | Display add new user header | |
| 2 | “First Name” input | | <input> | Display the input first name textbox | |
| 3 | “Last Name” input | | <input> | Display the input last name textbox | |
| 4 | “Email” input | | <input> | Display the input email textbox | |
| 5 | “Phone” input | | <input> | Display the input phone textbox | |
| 6 | “Role” option | | <option> | Contain list of role | |
| 7 | “Active ” radio button | | <button> | Display “Yes/No” radio button | |
| 8 | “Cancel” button | | <button> | Click to cancel | |
| 9 | “Save” button | | <button> | Click to save | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into first name textbox | | | Input first name | | Required, max length 120 |
| Input into last name textbox | | | Input last name | | Required, max length 120 |
| Input into email name textbox | | | Input email | | Email not correct |
| Input into phone textbox | | | Input phone | | Required |
| Click into “Role” option | | | Show list role | | Required |
| Click into “Active” radio button | | | Click into select “Yes/No” | | Required |
| Click into “Cancel” button | | | Cancel | | None |
| Click into “Save” button | | | Save | | None |

* 1. **UI\_05 : View Detail**

****

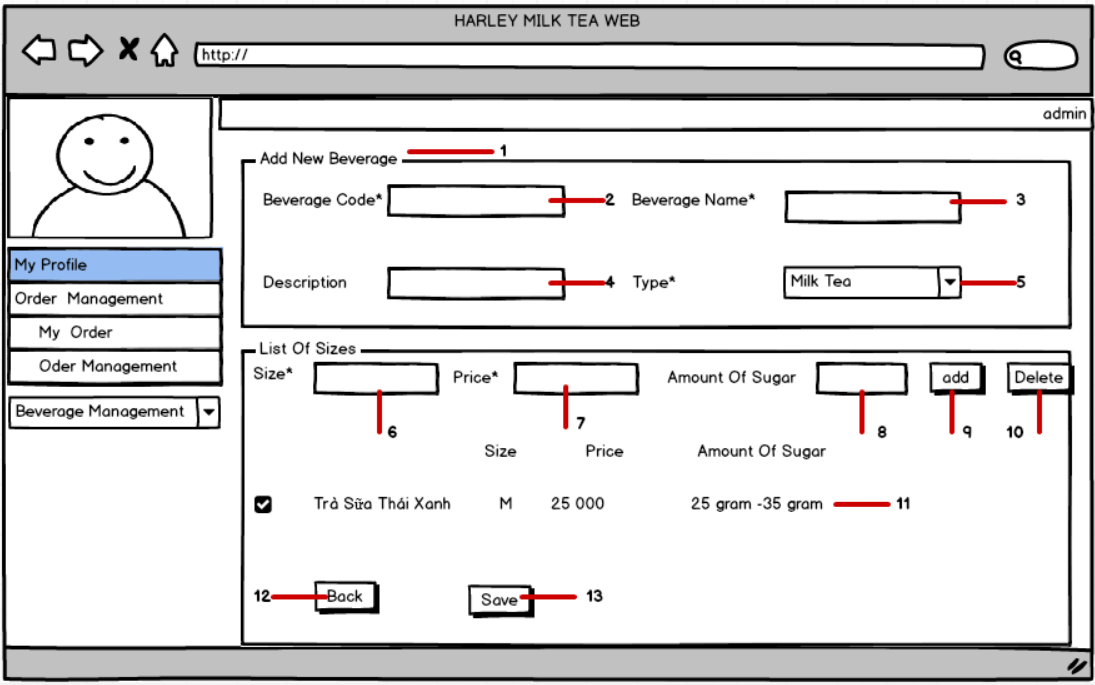
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | View Detail | | | |
| **Description** | | View Detail | | | |
| **How to access** | | Click to “View Detail ” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “View Detail ” header | | <h> | Display View Detail header | |
| 2 | “First Name” input | | <input> | Display the input first name textbox | |
| 3 | “Last Name” input | | <input> | Display the input last name textbox | |
| 4 | “Email” input | | <input> | Display the input email textbox | |
| 5 | “Phone” input | | <input> | Display the input phone textbox | |
| 6 | “Role” input | | < input > | Display the input role textbox | |
| 7 | “Active ” input | | < input > | Display “Yes/No” input | |
| 8 | “Close” button | | <button> | Click to close | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into first name textbox | | | Input first name | | Required, max length 120 |
| Input into last name textbox | | | Input last name | | Required, max length 120 |
| Input into email textbox | | | Input email | | Email not correct |
| Input into phone textbox | | | Input phone | | Required |
| Click into “Role” option | | | Show list role | | Required |
| Click into “Active” input | | | “Yes/No” | | Required |
| Click into “Close” button | | | Close this form | | None |

* 1. **UI\_06 : Edit**

****

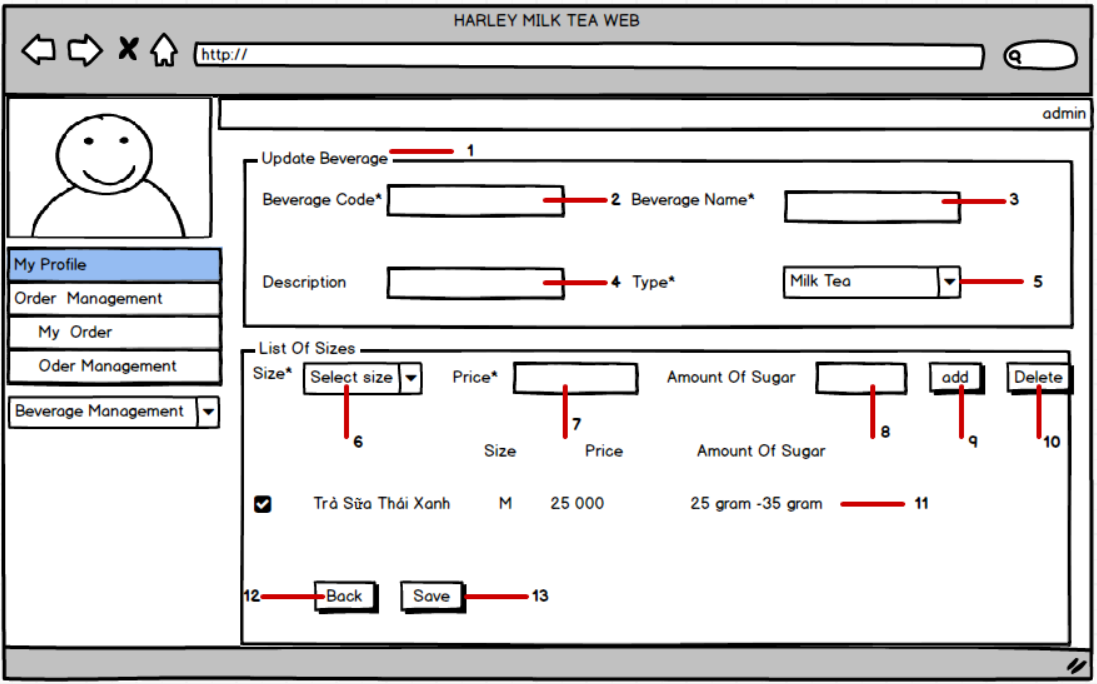
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Edit | | | |
| **Description** | | Edit | | | |
| **How to access** | | Click to “Edit” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Edit ” header | | <h> | Display edit header | |
| 2 | “First Name” input | | <input> | Display the input first name textbox | |
| 3 | “Last Name” input | | <input> | Display the input last name textbox | |
| 4 | “Email” input | | <input> | Display the input email texrtbox | |
| 5 | “Phone” input | | <input> | Display the input phone textbox | |
| 6 | “Role” option | | <option> | Contain list of role | |
| 7 | “Active ” radio button | | <button> | Display “Yes/No” radio button | |
| 8 | “Update User ”button | | <button> | Click to update user | |
| 9 | “Close” button | | <button> | Click to close | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into first name textbox | | | Input first name | | Required, max length 120 |
| Input into last name textbox | | | Input last name | | Required, max length 120 |
| Input into email textbox | | | Input email | | Email not correct |
| Input into phone textbox | | | Input phone | | Required |
| Click into “Role” option | | | Show list role | | Required |
| Click into “Active” radio button | | | Click into select “Yes/No” | | Required |
| Click into “Update User” button | | | Update user successful | | None |
| Click into “Close” button | | | Close this form | | None |

* 1. **UI\_07 : Add New Beverage**



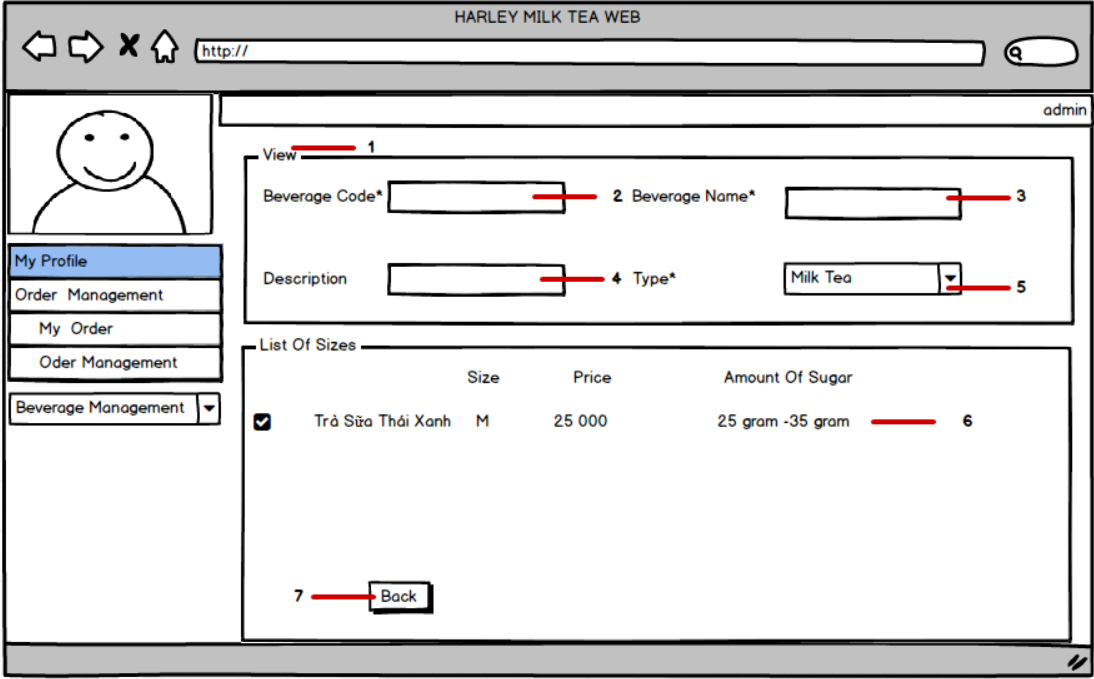
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Add new beverage | | | |
| **Description** | | Add new beverage | | | |
| **How to access** | | Click to “Add new beverage” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Add new beverage ” header | | <h> | Display add new beverage header | |
| 2 | “Beverage code\*” input | | <input> | Display the input beverage code textbox | |
| 3 | “Beverage name\*” input | | <input> | Display the input beverage name textbox | |
| 4 | “Description” input | | <input> | Display the input description textbox | |
| 5 | “Type\*” option | | <option> | Contain list of type (milk tea, fruit tea, coffee,smoothie) | |
| 6 | “Size\*” option | | <option> | Contain list of size (M,L) | |
| 7 | “Price\*” input | | <input> | Display the input price textbox | |
| 8 | “Amount of sugar\*” input | | <input> | Display the input amount of sugar textbox | |
| 9 | “Add” button | | <button> | Click to add | |
| 10 | “Delete” button | | <button> | Click to delete | |
| 11 | Beverage table | | <table> | Display data of beverage | |
| 12 | “Back” button | | <button> | Click to back | |
| 13 | “Save” button | | <button> | Click to save | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into beverage code textbox | | | Input beverage code | | Required |
| Input into beverage name textbox | | | Input beverage name | | Required |
| Input into description textbox | | | Input description | | Required |
| Click into “Type” option | | | Show list type | | Required |
| Click into “Size” option | | | Show list size | | Required |
| Click into price textbox | | | Input price | | Required |
| Click into amount of sugar textbox | | | Input amount of sugar | | Required |
| Click into “Add” button | | | Add | | None |
| Click into “Delete” button | | | Delete | | None |
| Click into “Back” button | | | Back | | None |
| Click into “Save” button | | | Save | | None |

* 1. **UI\_08 : Update Beverage**



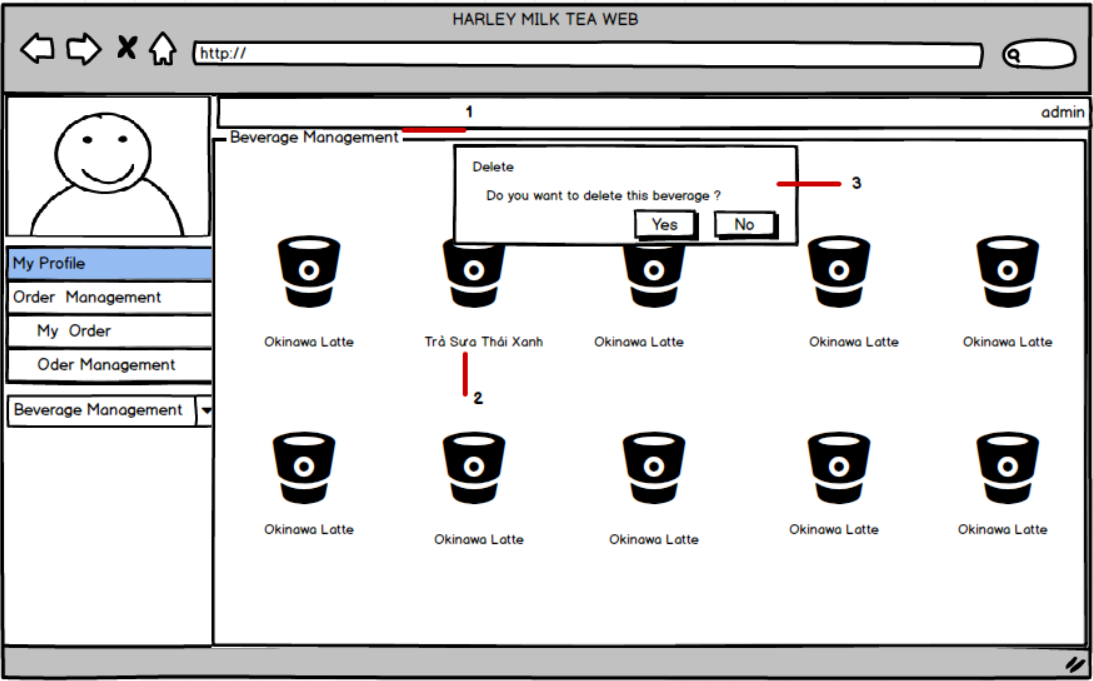
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Update beverage | | | |
| **Description** | | Update beverage | | | |
| **How to access** | | Click to “Update beverage” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Update beverage ” header | | <h> | Display update beverage header | |
| 2 | “Beverage code\*” input | | <input> | Display the input beverage code textbox | |
| 3 | “Beverage name\*” input | | <input> | Display the input beverage name textbox | |
| 4 | “Description” input | | <input> | Display the input description textbox | |
| 5 | “Type\*” option | | <option> | Contain list of type (milk tea, fruit tea, coffee,smoothie) | |
| 6 | “Size\*” option | | <option> | Contain list of size (M,L) | |
| 7 | “Price\*” input | | <input> | Display the input price textbox | |
| 8 | “Amount of sugar\*” input | | <input> | Display the input amount of sugar textbox | |
| 9 | “Add” button | | <button> | Click to add | |
| 10 | “Delete” button | | <button> | Click to delete | |
| 11 | Beverage table | | <table> | Display data of beverage | |
| 12 | “Back” button | | <button> | Click to back | |
| 13 | “Save” button | | <button> | Click to save | |
| **Action** | | | | | |
| **Action name** | | | **Success** | | **Failure** |
| Input into beverage code textbox | | | Input beverage code | | Required |
| Input into beverage name textbox | | | Input beverage name | | Required |
| Input into description textbox | | | Input description | | Required |
| Click into “Type” option | | | Show list type | | Required |
| Click into “Size” option | | | Show list size | | Required |
| Click into price textbox | | | Input price | | Required |
| Click into amount of sugar textbox | | | Input amount of sugar | | Required |
| Click into “Add” button | | | Add | | None |
| Click into “Delete” button | | | Delete | | None |
| Click into “Back” button | | | Back | | None |
| Click into “Save” button | | | Save | | None |

* 1. **UI\_09 : View Beverage**



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | View beverage | | | |
| **Description** | | View beverage | | | |
| **How to access** | | Click to “View beverage” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “View beverage ” header | | <h> | Display view beverage header | |
| 2 | “Beverage code\*” input | | <input> | Display the input beverage code textbox | |
| 3 | “Beverage name\*” input | | <input> | Display the input beverage name textbox | |
| 4 | “Description” input | | <input> | Display the input description textbox | |
| 5 | “Type\*” option | | <option> | Contain list of type (milk tea, fruit tea, coffee,smoothie) | |
| 6 | Beverage table | | <table> | Display data of beverage | |
| 7 | “Back” button | | <button> | Click to back | |
| **Action name** | | | **Success** | | **Failure** |
| Input into beverage code textbox | | | Input beverage code | | Required |
| Input into beverage name textbox | | | Input beverage name | | Required |
| Input into description textbox | | | Input description | | Required |
| Click into “Type” option | | | Show list type | | Required |
| Click into “Back” button | | | Back | | None |

* 1. **UI\_ 10 : Delete**



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Main Display** | | Beverage management | | | |
| **Description** | | Beverage management | | | |
| **How to access** | | Click to “Beverage management” | | | |
| **Interface Content** | | | | | |
| **Number** | **Category** | | **HTML tag** | **Description** | |
| 1 | “Beverage management ” header | | <h> | Display beverage management header | |
| 2 | “Trà sữa thái xanh” text | | <p> | Display tra sua thai xanh when order | |
| 3 |  | |  |  | |
| **Action name** | | | **Success** | | **Failure** |
| Input into beverage code textbox | | | Input beverage code | | Required |
| Input into beverage name textbox | | | Input beverage name | | Required |
| Input into description textbox | | | Input description | | Required |
| Click into “Type” option | | | Show list type | | Required |
| Click into “Back” button | | | Back | | None |