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1.0 Introduction

1.1 Purpose of this document

The purpose of this document is to define the user interface specification for truYum project.

1.2 Definitions & Acronyms

Definition / Acronym	Description
HTML	Hyper Text Markup Language
CSS	Cascading Style Sheet

1.3 Project Overview

Refer truYum-use-case-specification.docx for understanding the functionality and features.

1.4 Scope

Develop static HTML web pages for truYum application.

1.5 Intended Audience

- Product Owner
- Scrum Master
- Application Architect
- Project Manager
- Test Manager
- Development Team
- Testing Team

1.6 Hardware and Software Requirement

1. Hardware Requirement:
    a. Developer Desktop PC with 4GB RAM

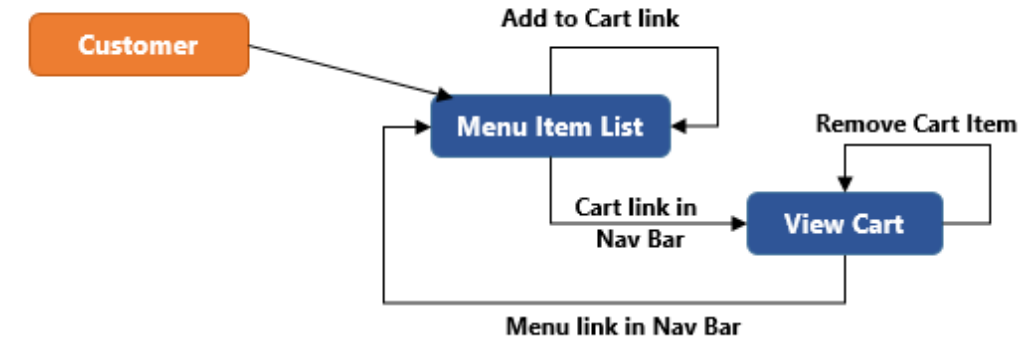
2. Software Requirement

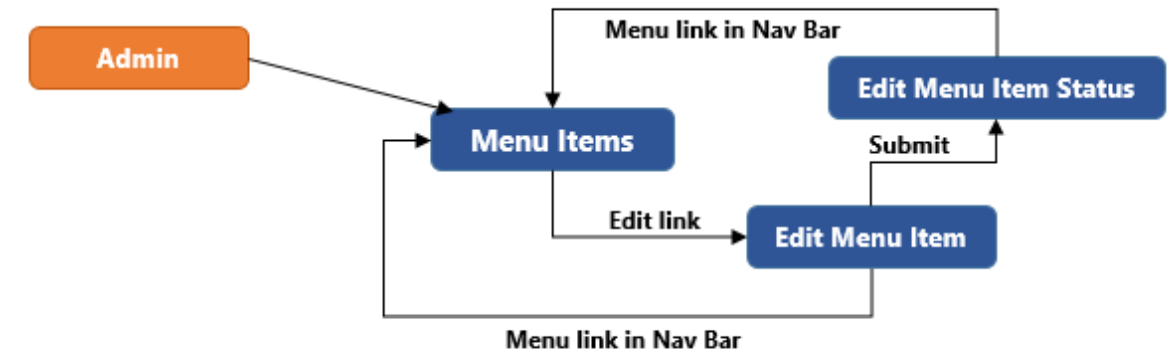
    a. Notepad ++ for editing HTML and CSS

    b. Chrome Browser

Screen Flow

Flow of screens for Customer and Admin provided below. Blue boxes represent pages. Orange boxes represent the user role. The label in the lines denote the link in the page used to arrive from the specific page.





2.0 View Menu Item List (TYUC001 & TYUC002)

2.1 Menu Item List Admin

Displays the list of menu items. Each menu item will have option to edit a particular menu item

`File: truYum/WebContent/menu-item-list-admin.html`

Field Specification

The menu items are listed in table kind of structure. Find below the specification for each column in the Menu Item List table.

Field Name	Field Type	Description
Name	Label	Displays the title of the menu item
Price	Label	Display the price of the menu item in currency format with two decimal places. Should include the currency symbol as well.
Active	Label	Display 'Yes' or 'No' based on whether the item is in stock or not
Date of Launch	Label	Display date of expiry in DD/MM/YYYY format
Category	Label	Displays the category of the menu item
Free Delivery	Label	Display 'Yes' or 'No' based the respective menu item delivery status
Action	Link	Display 'Edit' as a link that points to `edit-menu-item.html`

Menu	Link	Displays `menu-item-list-admin.html`

2.2 Menu Item List Customer

Displays the list of menu items. Each menu item will have option to add the specific menu item to cart

`File: truYum/WebContent/menu-item-list-customer.html`

Field Specification

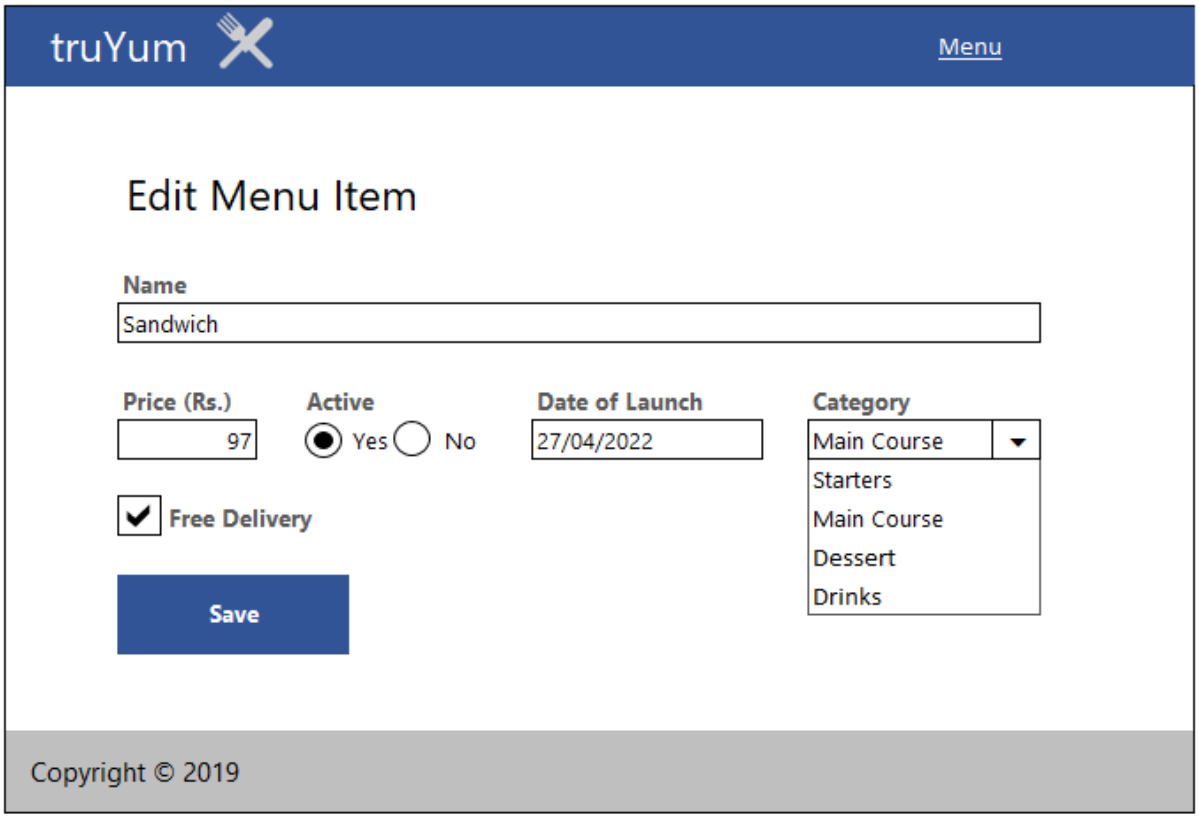
Field Name	Field Type	Description
Name	Label	Displays the title of the menu item
Price	Label	Display the price of the menu item in currency format with two decimal places. Should include the currency symbol as well.
Category	Label	Displays the category of the menu item
Free Delivery	Label	Display 'Yes' or 'No' based the respective menu item delivery status
Action	Link	Display 'Add to Cart' link, it displays the same page with notification message that the Menu Item is added into the cart or not
Menu	Link	Displays `menu-item-list-customer.html`
Cart	Link	Displays `cart.html`

3.0 Edit Menu Item (TYUC003)

3.1 Edit Menu Item

Screen with form fields to edit the menu item details. This page is arrived by clicking the Edit link in `menu-item-list-admin.html`.

`File: truYum/WebContent/edit-menu-item.html`



Field Specification

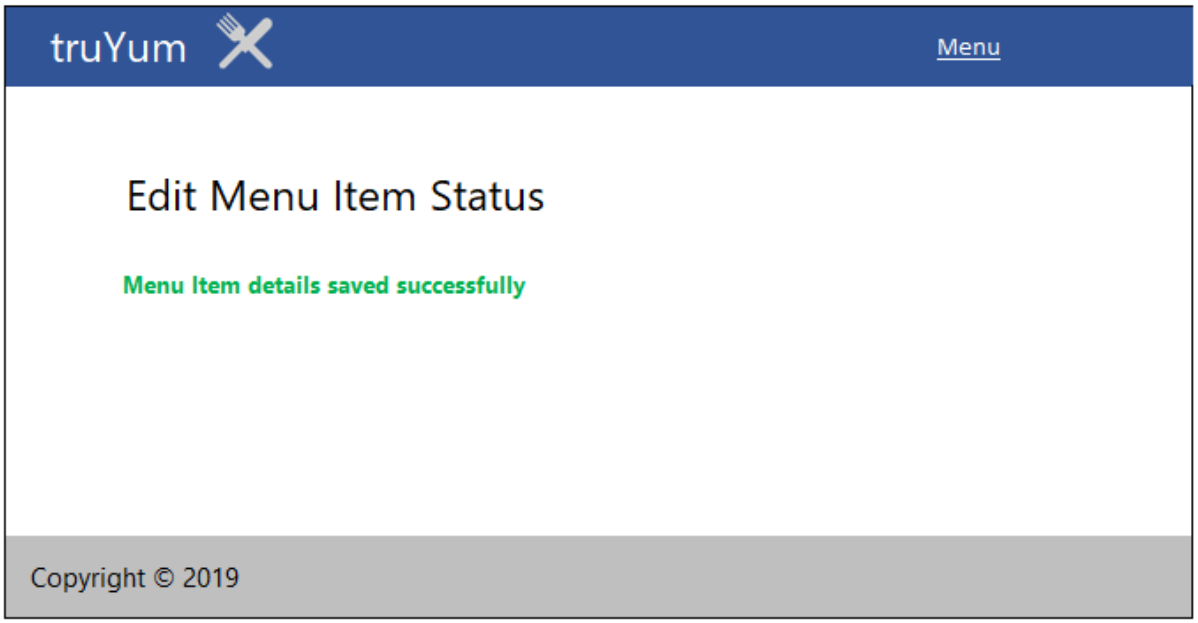
Field Name	Field Type	Name in HTML	Validation Message
Name	Text Box	title	• Title is required. • Title should have 2 to 65 characters.
Price	Text Box	price	• Price is required. • Price has to be a number.
Date of Launch	Text Box	dateOfLaunch	• Date of Launch is required
Active	Radio Buttons	inStock	
Category	Drop Down List	category	• Select one category

Free Delivery	Checkbox	freeDelivery	
Save	Submit	submit	Button used by user to submit the form for saving a Menu Item. Above mentioned validations needs to be done on click of this button. The message needs to be displayed using JavaScript alert.
Menu	Link		Displays `menu-item-list-admin.html`

3.2 Edit Menu Item Status

Display the status of submission of edit menu item form. This page is arrived after clicking save in `edit-menu-item.html`.

`File: truYum/WebContent/edit-menu-item-status.html`



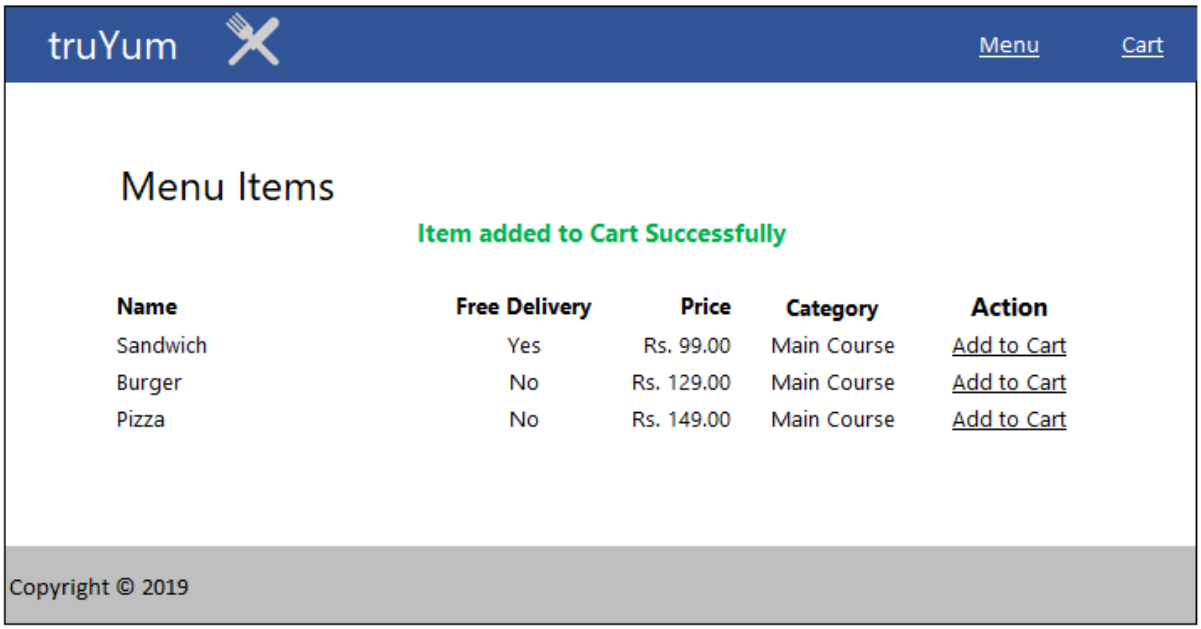
Field Name	Field Type	Description
Menu	Link	Displays `menu-item-list-admin.html`

4.0 Add to Cart (TYUC004)

4.1 Menu Item List Customer (Add to Cart success)

Customer can add a menu item to Cart by clicking “Add to Cart” link in `menu-item-list-customer.html`. On clicking this link a page similar to Menu Item List page is displayed with the message that the Menu Item has been added to the cart successfully.

`File: truYum/WebContent/menu-item-list-customer-notification.html`



Field Specification

Refer Section Menu Item List Customer

5.0 View Cart (TYUC005)

5.1 Cart

Displays the list of items added to the cart. This screen is arrived based on the navigation link in the top of the screen from `menu-item-list-customer.html`.

`File: truYum/WebContent/cart.html`

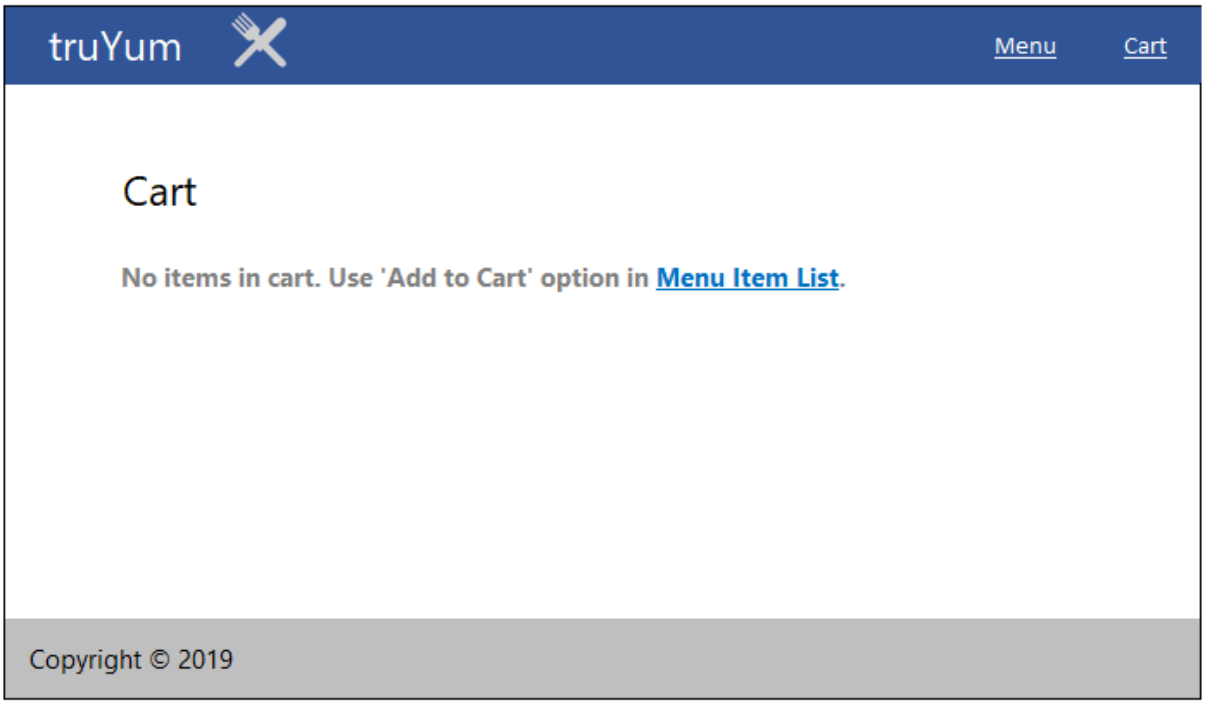
Field Specification

Field Name	Field Type	Description
Name	Label	Displays the title of the menu item
Free Delivery	Label	Display 'Yes' or 'No' based the respective menu item delivery status
Price	Label	Display the price of the menu item in currency format with two decimal places. Should include the currency symbol as well.
Delete	Link	Display 'Delete' link, which displays the same page with notification message that the item is deleted from the Cart successfully.
Menu	Link	Displays `menu-item-list-customer.html`
Cart	Link	Displays `cart.html`

5.1 Cart Empty

Displays the view when there are no items in the cart. The Menu Item List link in the message should point to `menu-item-list-customer.html`.

`File: truYum/WebContent/cart-empty.html`



Field Specification

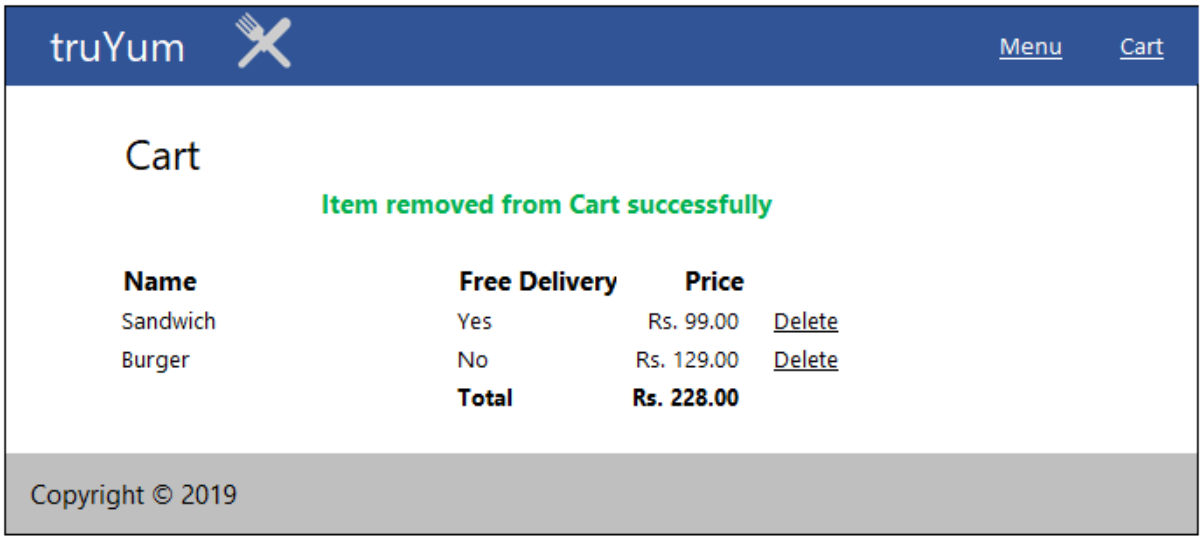
Field Name	Field Type	Description
Menu	Link	Displays `menu-item-list-customer.html`
Cart	Link	Displays `cart.html`

6.0 Remove item from Cart (TYUC005)

6.1 Remove Cart

When Customer click 'Delete' link in `cart.html`, this page is displayed with the message that the item had been removed from the Cart successfully.

`File: truYum/WebContent/cart-notification.html`



Field Specification

Refer section View Cart

7.0 Standards and Guidelines

7.1 HTML

1. Place all HTML files under `WebContent` folder.
2. HTML5 semantic tags has to be used wherever applicable. Avoid using div tags for header, footer, article and navigation bar.
3. Document Type should be defined as
   `<!DOCTYPE html>`
4. Form fields must always include a <label> element with a "for" attribute matching the "id".
   ```
   <label for="field-email">email</label>
   <input type="email" id="field-email" name="email" value="" />
   ```
5. Each form field should have "name" attribute.
6. All tag names and attributes must be written in lowercase.

7. Inline style should be never used. Style should be in an external CSS and should be linked to the document.
8. Image files should be placed in `WebContent/images` folder.
9. Add one more tab on the next line after opening a tag
10. Reduce one tab on line when tag is closed

7.2 CSS

1. CSS files names should be `style.css`
2. CSS files should be placed in `WebContent/styles` folder.
3. Feel free to change the Background Color, Font, Font Size and Font Color of the screen. But it should be applied consistently across screens using CSS. Following are the element in the screen that can be targeted for style change:
   a. Navigation Bar
   b. Page Heading
   c. Form Elements
   d. Messages
4. Reuse styles wherever applicable. Potential areas are Application Name, Page Title, Form Fields and Buttons
5. Selector names should be in lower case with words separated by hyphen.

```
.page-title {
    margin: 20px;
}
```

6. Selector class names should be relevant to the purpose of the element where the style is applied. For example if common style needs to be applied for all text boxes in an application.
7. Properties should be followed by a colon and a space
8. Properties and values should be in lower case
9. Use hexadecimal code for color definition

   Example:

```
.login-form {
    background: #fdfdfd;
    display: block;
    margin: 0;
    margin-left: 20px;
}
```

7.3 JavaScript

1. JavaScript file name should **script.js**
2. JavaScript file should be placed in folder **WebContent/js**
3. Use camelCase for variables and functions.

```
var firstName = "John";

function alert() {
    alert("This is an alert message.");
```

```
}
```

4. All variable names start with a letter.
5. Always put a space before and after an operator.

   ```
   var profit = sellingPrice - buyingPrice;
   ```
6. Always end a statement with semicolon.
7. Open curly braces should be in the same line.
8. All lines following open curly braces should have one level of indent
9. Closing curly braces should be in next line with reduction of indent by one level

   Example

   ```
   if (time < 20) {
       greeting = "Good day";
   } else {
       greeting = "Good evening";
   }
   ```