Dairy Products Online E-commerce Store

(User Stories)

# Registration prompt Story (iteration1)

## Description

As a customer, I want to get the corresponding prompt when filling in each registration information, whether it is required, whether it conforms to the rules, and whether it is consistent, so that I can ensure that my registration will be successful at one time.

## Acceptance Tests

1. Given the customer has entered the registration page, when I click the submit button without entering anything in last name, first name, email, and password fields, then a prompt box will appear on the screen saying “This field is required”.
2. Given the customer has entered the registration page, when I enter information that does not conform to the email specification(ex: lack the @ symbol) in the email address column, then a prompt box will appear on the screen saying “Please enter a valid email address”.
3. Given the customer has entered the registration page, when I enter a password that does not match the length, then a prompt box will appear “Please enter at least 8 characters”
4. Given the customer has entered the registration page, when I fill in the password column, then a prompt box will appear on the left. The title is “Password must contain the following” each line starts with a small red cross, followed by the required components and length of the password displayed in red font. Whenever my input meets a necessary condition, the corresponding prompt font will change from red to green, and the small cross will also turn into a small tick, indicating that you have met this requirement.
5. Given the customer has entered the registration page, when I enter a password meeting all the requirements and enter a password in the confirm password column different from the previous password and click the submit button, then a prompt box will appear on the screen saying “Please enter the same value again”.
6. Given the customer has entered the registration page, when I input the last name, first name, email address, password and confirm password meeting the requirements, I click the Submit button, then a prompt box will appear at the top, which shows “success!”
7. Given the customer has entered the registration page, when I enter the password in the password and confirm password fields, the password is not visible with the eye symbol button on the right . After clicking the eye symbol on the right of these two columns, and the slash appears on the eye symbol, then the password becomes visible showing what characters I exactly input.

# Login feedback Story (iteration1)

## Description

As a customer, I want to get enough feedback when I log in and input my information, and I can check the password plaintext I have entered so that I will ensure that I can log in successfully.

## Acceptance Tests

1. Given the customer has entered the login page, when I enter nothing in the email address or password column, and then click the login button, the prompt box will appear on the screen saying “The field is required”.
2. Given the customer has entered the login page, when I enter the password in the password fields, the password is not visible with the eye symbol button on the right. After clicking the eye symbol on the right of these two columns, and the slash appears on the eye symbol, then the password becomes visible showing what characters I exactly input.

# Add a product into cart (iteration1)

## Description

As a customer, I want to add every prefered product into my cart so that I can check out together.

## Tasks

1. Complete cart information screen design and corresponding implementation - 2h
2. Create the database and the cart table - 1h
3. Add the logic code to add the product into the cart table. - 2h
4. Write unit test - 2h
5. Integrate everything and do testing - 3h
6. Add the code to display successful being added to cart message - 1h

## Acceptance Tests

1. Given I already logged in, and current page is a specific product page with the "add to cart" button available,When I click on the "add to cart" button,Then the screen will show an animation of the product flying to the shopping cart at the same time the cart icon on the screen will shake and the number of products is displayed to the right of the cart icon. Every time I click the add cart button, the number displayed increases by 1.
2. Given I haven't logged in, and current page is a specific product page with the "add to cart" button available,When I click on the "add to cart" button,Then a message will be displayed:"Sorry, please log in your account first, if you didn't have an account, please registration for our site. Thanks'' At the same time the login icon(click for login page) and the registration icon(click for registration page) are displayed on this screen.

# Button to back to homepage (iteration1)

## Description

As a user, I want to go back to the homepage from the registration or login page so that I can know more about the website before I decide to register or log in.

## Acceptance Tests

1. Given the current screen shows the registration page, when I click the home button on the top of the screen, then the screen jumps to the homepage, which shows all kinds of information about our website.
2. Given the current screen shows the login page, when I click the home button on the top of the screen, then the screen jumps to the homepage, which shows all kinds of information about our website.

# Third party user login (iteration1)

## Description

As a user, I want to login with my google or facebook account so I don’t need to sign up for a new account.

## Tasks

1. Register as a client to the authentication server or provider- 1h
2. Implement UI for third party login-1h
3. Implement class logic for third party button that sends request to the providers authorization URL on click -2.5 h
4. Implementation for accepting authorization code and use it to retrieve information from the provider on behalf of the user- 3 h
5. Enable login after creating a new record in database if required -2 h
6. Create unit tests -1 h

## Acceptance Tests

1. Given the user has already created an account via third party method and the third party login page is accessible, when the user inputs their own username/email and password, taps the sign in button, a homepage and dashboard will be displayed to the user.
2. Given the user has not created an account via third party method and the third party login page is accessible, When user successfully logs in with the username and password, then the user is still redirected to the home page.( To test this, a new field can be created to capture first login such that a message can be displayed to notify it)

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# User Interface Story (iteration1)

## Description

As a user, I want to see a well designed website so that I can use it easier and more efficiently.

## Tasks

1. Create the static html pages - 1h
2. program buttons to go between pages - 0.5h
3. study color theory to make sure that website looks clean and clear - 1h
4. show layout as a test to random person and ask them to determine functions - 2h
5. write unit tests - 1h

## Acceptance Tests

1. Given that the page transition buttons are available, when the user clicks the buttons, a different page will be displayed to the user.
2. Given that the page is displayed, when the user sees the page, he will know all of its functions.

# Dynamic products Story

## Description

As a user, I want to be able to hover my pointer over each product and see a picture, its name, and its full description So that I can determine whether to purchase it.

## Tasks

1. create products page in static html - 0.5 h
2. program in dynamic panels for each product - 2h
3. insert pictures and descriptions for each - 2h
4. write unit tests - 1h

## Acceptance Tests

1. Given that the products exist, when I hover my mouse over a product, then its description will appear alongside the picture and name.
2. Given that the products exist, when I hover my mouse over a product, then an animation will play showing the description.

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# Check my order history

## Description

As a customer, I want to check my order history so that I can know whether the order I placed yesterday has been shipped or not.

## Tasks

1. create a order class - 1h
2. create a UI mockups - 1h
3. implement UI to check order history - 2h
4. create the database and order table - 2h
5. integrate all components and testing - 2h

## Acceptance Test

1. Given the customer already logged in ,and placed an order a few days ago, and the order history button is available, when the user clicks on the order history button, then the order history will be displayed including date, order number, status.
2. Given the customer already logged in with no previous orders, and the order history button is available, when the user clicks on the order history button, then the order history will be blank.

# Home page will have only featured products

## Description

As a user, Once logged into the application will be redirected to the home page route. Here User will be able to see only featured products and a button to view all products

## Tasks

1. Create a home function - 1h
2. Design the UI for the products in the homepage - 3h
3. Only featured products in the homepage will have a rating, title, image - 4h
4. Using Flex box concepts arranging them in a horizontal - 5h
5. Adding a button in homepage, to view all the products - 2h

## Acceptance Tests

1. Given the user has already created an account with the message "account created successful". When a user lands on the home page with featured products, the user clicks on a particular product in the home page, then it will be redirected to the product page with more information about the product with add to cart option in the product page. (To test this product page need to be ready, otherwise it will be in the same home page as a static featured products with only fewer details of the product)
2. Given registered user to application, When user clicks on the product name, then user will be able to get more information about the product such as price, about the product (with calories) and rating for each product.

# Third party payment gateway using stripe

## Description

As a user, Once products with quantities are added to the checkout page .To place the order, the user needs to pay the amount.

## Tasks

1. Create a payment function in frontend, backend - 1.5h
2. Designing the UI for entering the card details- 5h
3. Developing the backend logic, once order was successful. Need to be updated in the Database with the user unique email id with the amount of the order - 7h

## Acceptance Tests

1. Given user has successfully added products to the checkout page, when user clicks on checkout button, payment page will be displayed to the user to enable the user to input emailId, cardNumber, date of expiry, CVV and pin code with an button to remember cards details and pay button with amount on it.
2. Given the checkout page is available, when the user fills all the card information fields in the payment page and clicks on the pay button, then the order will be placed and displayed to the user with the "Thank you, successfully order placed" or an error message with "please enter correct details". (To test this, we suppose that Payment page is ready, otherwise we will simply add products to the checkout page, to see added successfully to the checkout page)

# Create a new account

## Description

As an online shopping consumer, I want to sign up as a member so that I can order dairy products online and enjoy shopping services.

## Tasks

1. Create user info database - 1h
2. Create UI for account registration - 2h
3. Add the logic code to get the new user's information from UI and store them into user database - 2h
4. Write unit tests -1h
5. Integrate everything and do testing -1h

## Acceptance Tests

1. Given the customer has not signed up and the "sign up" button is available, when the user clicks on the botton, a sign up page will be displayed to the user to enable the user to fill out the registration form (username, password, email, etc.)
2. Given the customer has not signed up and the "sign up" button is available, when the user clicks on the botton, fills out the form and clicks on submit buttom, then the web application will guide him/her into a welcome page or an sign up error message will be displayed. (To test this we suppose the welcome page is ready, otherwise we will check the database itself to see if a new user info is added successfully. Also, if the user inputs invalid information, such as existing username/email and invalid password format, the sign up page will not redirect)

# edit default delivery address

## Description

As a customer, I want to edit my default delivery address so that once I move to my new apartment I can update my new delivery address in time

## Tasks

1. create a user class - 1h
2. create a UI mockups - 1h
3. implement UI to edit personal information - 2h
4. create the database and user table - 2h
5. integrate all components and testing - 2h

## Acceptance Tests

1. Given an edit default delivery address button is available, when the customer clicks the button, the personal information text will change to input box. Once the customer fills in new delivery address and clicks submit , a message will be displayed " You default delivery address has been updated !".
2. Given an edit default delivery address button is available, when the customer clicks the button, the personal information text will change to input box. Once the customer fills in nothing and clicks submit , a message will be displayed " Please fill in the default delivery address ".

# Member user login

## Description

As a member, I want to log in to get more access for viewing product descriptions, adding to favorites and making orders.

## Tasks

1. Create user info database -1h
2. Create UI for user login -2h
3. Add the logic code to get the login information from UI and implement identity verification -3h
4. Write unit tests -1h

## Acceptance Tests

1. Given the customer has already created an account via manually signed up and the login page is available, when the customer inputs their own username/email and password, clicks the "log in" button, a homepage and dashboard will be displayed to the customer. (To test this, we suppose the homepage is ready, otherwise we'll simply send back the login status to see if the user successfully logs in)
2. Given the customer has already created an account via manually signed up and the login page is available, when the customer inputs their own username/email and password wrongly, clicks the "log in" button, a homepage with an error message will be displayed and it will prompt the customer to check if the input has mistakes.

# Check the product Information

## Description

As a User of this application i should be able to check the information of all the products which are available in the store at a particular point of time.

## Tasks

1. Create Product Class - 1h
2. Create Static product UI page which has list of products- 2h
3. Create UI page for each individual product which will be rendered when the product is selected- 2h
4. Create Database for products and pre populate with all the product information -3h
5. Write an application logic code which gets executed when the user clicks on a product. Here the application logic is retrieving the product information from the products database and showing it to the user - 4h
6. Write the Unit test cases - 2h
7. Integrate everything and do integrated testing - 2h

## Acceptance Tests

1. Given the product page is available to the user which consists of all the products available at the store, when the user clicks on a product then the user will be redirected to a page which will consist of all the information pertaining to the selected product.
2. Given the product page which has list of all the products which are available and the user clicks on a product then the user will be redirected to a page which consists of all the information pertaining to that product or else an error message is displayed saying that product has been removed.

In order to test this we create a page which dynamically gets all the information of the selected product if the product is present in the database and not being removed by the admin. If in case admin has removed the product and is not being removed from products page then if the user clicks on that product an error message saying the product has been removed will be displayed.

# Customer service page

## Description

As a user I want multiple ways to easily submit my queries and complaints at any time of the day .

## Tasks

1. Implement UI for the contact/customer service page -1.5 h
2. Accept user details and message/queries and add it to the database- 1 h
3. Implement a logic to initiate custom email reply to the user- 1.5 h
4. Develop logic for social media plugins like twitter,facebook- 1 h
5. Write unit tests -1 h

## Acceptance Tests

1. Given the user is on the contact or customer service page ,when the user inputs the required information and click submits ,then a reply email is been sent to the user email.
2. Given the user is on the contact or customer service page ,when the user clicks on the social media plugins ,then the user is redirected to the social media app in a state to directly message the customer service team.

# Remove selected products from cart

## Description

As a user of the application I should be able to remove some or all the products from the cart if i do not want to continue with few products which have already been put into the cart.

## Tasks

1. Create a cart class -1h
2. Create a UI for cart which will be redirected after the user adds all the products into the cart- 2h
3. Write an application logic code which gets executed when the user has added all the products into the cart and renders the cart UI which gives platform for the users to remove the products of interest - 6h
4. write the unit test cases for removal of products from cart- 2h
5. Integrate everything and perform integration testing- 4h

## Acceptance Tests

1. Given the products page available to the user, when the user has selected all the products and move to the carts page the user is given the flexibility of removing few products of interested if the user is not interested in moving with the billing.
2. Given the products page available to the user, when the user has selected all the products and has moved to the cart but now removes few items from the cart. After removing the items if the the other user who is interested in the same product is not able to choose the product then our application code pops up with the message saying "Product Item Quantity" not updated. This can be tested by checking if the product database has been updated with the product quantity or not.

# Home page will have only featured products

## Description

As a user, Once logged into the application will be redirected to the home page route. Here User will be able to see particular products, with the button view all products

# Search products by category

## Description

As a customer, I want to search dairy products by its category, so that I can know what products are of this category.

## Tasks

1. Complete the front end webpages design with search bar and icon - 1h
2. Add the category as a new field in product table - 2h
3. Add the logic code to get the product information according to input category and show them all on a new webpage - 5h
4. Write unit test - 2h
5. Integrate everything and do testing - 3h

## Acceptance Tests

1. Given the search bar is displayed with the search icon button on the screen, When I input a dairy category name such as cheese, milk or yogurt and click the search icon button, Then a new webpage appears and all the product information of this category displays on this new webpage.
2. Given the search bar is displayed with the search icon button on the screen, When I input nothing and click the search icon button, Then we will return to the home page.

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