**PROJECT**

Specialized platform designed for local Chefs to manage and grow their culinary businesses.

**Application Name:** *curryful cheff app*

**Epic 1:** User Registration and Login

**User Story 1** User Registration

As a new user,

I want to register an account using my email, phone number, or social media accounts, So that I can start using the Curryfull Cheff app.

**Acceptance Criteria:**

Given I am on the registration page,

When I enter valid information and submit the form,

Then I should receive a confirmation email or SMS with a verification link/code, and my account should be created.

Positive Scenario:

* Given I enter a valid email address, phone number, and password, and accept the terms and conditions,
* When I submit the registration form,
* Then I should receive a verification link via email and an SMS with a verification code.

Negative Scenario:

* Given I enter an invalid email address (e.g., missing '@'),
* When I submit the registration form,
* Then I should receive an error message indicating the email address is invalid.

Alternate Scenario:

* Given I attempt to register using a social media account,
* When I successfully authenticate with the social media platform,
* Then I should be registered and logged into the app automatically. **Epic 2:** Chef and Menu Management

**User Story 1 :** Chef Profile Management

As a chef,

I want to create and manage my profile,

So that customers can view my kitchen and offerings. Acceptance Criteria:

Given I am on the chef profile management page,

When I upload my profile picture, kitchen images, and enter my bio and kitchen details, Then the information should be saved and displayed on my public chef profile.

Positive Scenario:

* Given I upload a valid profile picture and enter accurate kitchen details,
* When I save the changes,
* Then my profile should update with the new picture and details.

Negative Scenario:

* Given I attempt to upload an image file that exceeds the size limit,
* When I try to save the changes,
* Then I should receive an error message indicating that the file is too large.

Alternate Scenario:

* Given I have an incomplete profile and try to save changes,
* When I attempt to save without providing all required fields,
* Then I should be prompted to complete the missing fields before saving. **User Story 2:** Menu Creation and Management

As a chef,

I want to create, edit, and manage my menu items,

So that customers can view and order the dishes I offer. Acceptance Criteria:

Given I am on the menu management page,

When I add a new menu item with a title, description, ingredients, allergen information, and price, Then the new menu item should be visible on my menu.

Positive Scenario:

* Given I enter valid details for a new menu item and save it,
* When I view my menu,
* Then the new item should appear with the correct details.

Negative Scenario:

* Given I enter a price with non-numeric characters,
* When I save the menu item,
* Then I should receive an error message indicating that the price must be numeric.

Alternate Scenario:

* Given I want to update the availability of a menu item,
* When I set the item as “Out of Stock” and save changes,
* Then the item should be marked as unavailable on the menu.

**Epic 3:** Customer Ordering System **User Story 1:** Order Placement As a customer,

I want to place an order from a menu,

So that I can receive my food from a chef. Acceptance Criteria:

Given I am viewing a menu,

When I select items, customize them, and proceed to checkout,

Then I should be able to review my order, choose a delivery method, and make a payment.

Positive Scenario:

* Given I add items to my cart and provide delivery details,
* When I complete the checkout process and make payment,
* Then I should receive an order confirmation with an estimated delivery time.

Negative Scenario:

* Given I attempt to check out without selecting a delivery method,
* When I try to proceed,
* Then I should receive an error message prompting me to choose a delivery method.

Alternate Scenario:

* Given I want to use a discount code,
* When I enter a valid code during checkout,
* Then the discount should be applied to my total order amount.

**Epic 4:** Delivery Management

**User Story 1:** Delivery Tracking As a customer,

I want to track my delivery in real-time,

So that I can know when my order will arrive. Acceptance Criteria:

Given my order is out for delivery, When I view the tracking page,

Then I should see real-time updates on the location of the delivery driver and an estimated arrival time.

Positive Scenario:

* Given my order is being delivered,
* When I access the tracking feature,
* Then I should see the delivery driver’s current location on a map.

Negative Scenario:

* Given there is a technical issue with the tracking system,
* When I attempt to view my delivery status,
* Then I should receive a message indicating that tracking information is currently unavailable.

Alternate Scenario:

* Given I have a scheduled delivery,
* When I check the tracking page at the scheduled time,
* Then I should see the updated status and the estimated delivery window.

**Epic 5:** Reviews and Feedback

**User Story 1:** Leaving a Review

As a customer,

I want to leave a review for a chef after my order,

So that I can share my experience and help other users make informed decisions. Acceptance Criteria:

Given I have received my order, When I navigate to the review page,

Then I should be able to leave a rating and a written review, and submit it.

Positive Scenario:

* Given I have completed my meal,
* When I submit a review with a rating and comments,
* Then the review should be posted and visible on the chef’s profile.

Negative Scenario:

* Given I try to submit a review without providing a rating or text,
* When I attempt to submit,
* Then I should receive an error message indicating that all fields are required.

Alternate Scenario:

* Given I leave a review and realize I made an error,
* When I edit the review,
* Then the updated review should replace the previous version. **Epic 6:** Notifications and Communication

**User Story 1:** In-App Notifications

As a user,

I want to receive notifications about important events and updates, So that I stay informed about my orders and app activities.

Acceptance Criteria:

Given a relevant event occurs (e.g., new order, delivery update), When I receive a notification,

Then it should be displayed in the app with relevant details.

Positive Scenario:

* Given I receive a notification about a new order,
* When I view the notification,
* Then it should include the order details and a link to view the order in the app.

Negative Scenario:

* Given I have disabled notifications,
* When a new notification is generated,
* Then I should not receive any notification for that event.

Alternate Scenario:

* Given I customize my notification preferences,
* When I select specific types of notifications to receive,
* Then I should only receive notifications that match my preferences. **Epic 7:** Security and Data Protection

**User Story 1:** User Authentication

As a user,

I want to log in securely to my account,

So that my personal information and account are protected. Acceptance Criteria:

Given I am on the login page,

When I enter my credentials and complete multi-factor authentication (MFA),

Then I should be logged in and redirected to the app’s main page.

Positive Scenario:

* Given I enter the correct credentials and MFA code,
* When I submit the login form,
* Then I should be granted access to my account.

Negative Scenario:

* Given I enter an incorrect password,
* When I attempt to log in,
* Then I should receive an error message indicating that the password is incorrect.

Alternate Scenario:

* Given I have forgotten my password
* When I use the “Forgot Password” link to reset it,
* Then I should receive a password reset link or code and be able to set a new password.

**Epic 8:** Admin and Support Tools

**User Story 1:** Admin Dashboard

As an admin,

I want to access a dashboard with an overview of app activity, So that I can manage users, chefs, and content effectively.

Acceptance Criteria:

Given I am logged into the admin dashboard, When I view the dashboard,

Then I should see metrics and tools for managing users, chefs, and other app activities.

Positive Scenario:

* Given I access the dashboard,
* When I view the user statistics and active chefs,
* Then I should see up-to-date and accurate information.

Negative Scenario:

* Given I lack the necessary permissions,
* When I attempt to access restricted areas of the dashboard,
* Then I should receive a permission error and be denied access.

Alternate Scenario:

* Given I need to manage user accounts,
* When I use the dashboard’s user management tools,

Then I should be able to suspend, approve, or modify user accounts as needed.

**Epic 9:** Payment Processing

**User Story 1:** Payment Options

As a customer,

I want to choose from multiple payment options,

So that I can pay for my order using my preferred method. Acceptance Criteria:

Given I am at the checkout page,

When I select a payment method (credit/debit card, digital wallet, cash on delivery),

Then the selected payment method should be applied to my order, and I should be able to proceed with the payment.

Positive Scenario:

* Given I choose a credit card as the payment method,
* When I enter my card details and complete the payment,
* Then the transaction should be processed, and I should receive an order confirmation.

Negative Scenario:

* Given I enter invalid credit card details,
* When I attempt to complete the payment,
* Then I should receive an error message indicating the card details are incorrect.

Alternate Scenario:

* Given I select “cash on delivery,”
* When I confirm my order,
* Then I should be instructed to prepare the cash for payment upon delivery. **Epic 10:** Order Management for Chefs
* **User Story 1:** Order Status Updates

As a chef,

I want to update the status of my orders,

So that customers are informed about the progress of their orders.

Acceptance Criteria:

Given I am viewing an active order in the app,

When I change the status to “In Progress,” “Ready for Delivery,” or “Completed,”

Then the updated status should be reflected in the customer’s order tracking and notification.

Positive Scenario:

* Given I update an order status to “Ready for Delivery,”
* When I save the change,
* Then the customer should receive a notification that their order is ready for delivery.

Negative Scenario:

* Given I try to update an order status without selecting a valid status,
* When I attempt to save the change,
* Then I should receive an error message indicating that a valid status must be selected.

Alternate Scenario:

* Given I need to cancel an order,
* When I change the status to “Cancelled,”
* Then the customer should receive a notification about the cancellation and any applicable refund information.

**Epic 11:** User Profile Management

**User Story 1:** Profile Information Update

As a user,

I want to update my personal profile information,

So that my contact details and preferences are current.

Acceptance Criteria:

Given I am on the profile management page,

When I update my email, phone number, or address,

Then the changes should be saved, and my profile should reflect the updated information.

Positive Scenario:

* Given I update my address and save the changes,
* When I view my profile,
* Then the new address should be displayed correctly.

Negative Scenario:

* Given I attempt to update my email address to an invalid format,
* When I save the changes,
* Then I should receive an error message indicating that the email address format is invalid.

Alternate Scenario:

* Given I want to update my profile picture,
* When I upload a new image and save it,
* Then the new profile picture should be displayed on my profile page. **Epic 12:** Customer Support and Help

**User Story 1:** Support Ticket Submission

As a customer,

I want to submit a support ticket,

So that I can get help with any issues or questions I have. Acceptance Criteria:

Given I am on the support page,

When I submit a support ticket with a description of my issue or question,

Then the ticket should be created, and I should receive a confirmation and ticket number.

Positive Scenario:

* Given I describe an issue in the support ticket form and submit it,
* When I receive the confirmation message,
* Then the support team should be notified, and I should be able to track the status of my ticket.

Negative Scenario:

* Given I attempt to submit a ticket without providing a description,
* When I try to submit,
* Then I should receive an error message indicating that the description field is required.

Alternate Scenario:

* Given I need to provide additional information after submitting a ticket,
* When I access my ticket,
* Then I should be able to add comments or attachments to provide more details.

**Epic 13:** Data Privacy and Compliance

**User Story 1:** Data Access and Deletion

As a user,

I want to access and delete my personal data,

So that I can manage my information according to privacy regulations. Acceptance Criteria:

Given I am on the data privacy settings page, When I request to view or delete my personal data,

Then the system should provide access to my data or process the deletion request as specified.

Positive Scenario:

* Given I request to view my personal data,
* When I confirm the request,
* Then I should receive a summary of my data in a readable format.

Negative Scenario:

* Given I request data deletion but have pending orders,
* When I attempt to delete my data,
* Then I should receive a message indicating that data deletion cannot proceed until all orders are resolved.

Alternate Scenario:

* Given I request data deletion,
* When my request is processed,
* Then I should receive confirmation that my data has been successfully deleted and no longer exists in the system.

**Epic 14:** System Performance and Scalability **User Story 1:** Handling High Traffic

As a system administrator,

I want the app to handle high traffic efficiently,

So that it remains responsive and functional during peak times. Acceptance Criteria:

Given the app is experiencing high traffic, When users interact with the app,

Then the system should maintain acceptable performance levels, including fast load times and responsiveness.

Positive Scenario:

* Given the app is under heavy load due to a promotion,
* When users access the app,
* Then they should experience minimal delays and the system should handle the traffic without crashes.

Negative Scenario:

* Given there is a sudden spike in traffic,

When the system reaches its maximum capacity,

* Then users should receive an appropriate error message or be temporarily redirected to a maintenance page.

Alternate Scenario:

* Given performance issues are detected,
* When the system is scaled up (e.g., additional servers),
* Then performance should improve, and the app should return to optimal operating conditions.

**Epic 15:** Search and Filtering

**User Story 1:** Search Functionality

As a customer,

I want to search for specific dishes, ingredients, or chefs,

So that I can quickly find what I’m looking for within the app. Acceptance Criteria:

Given I am on the search page,

When I enter a search query (dish name, ingredient, or chef name),

Then the search results should display relevant matches based on my query.

Positive Scenario:

* Given I search for “Vegetable Curry,”
* When I submit the search,
* Then I should see a list of chefs or dishes that include “Vegetable Curry” in their names or descriptions.

Negative Scenario:

* Given I search for a term that does not exist,
* When I submit the search,
* Then I should see a message indicating no results were found and be prompted to try different keywords.

Alternate Scenario:

* Given I want to refine my search results,
* When I apply filters (e.g., cuisine type, dietary preferences),
* Then the search results should update to show only those that match the selected filters.

**Epic 16:** Multi-Language Support

**User Story 1:** Language Selection

As a user,

I want to choose my preferred language for the app interface, So that I can use the app in a language I understand.

Acceptance Criteria:

Given I am on the app’s settings page,

When I select a different language from the language options, Then the app interface should change to the selected language.

Positive Scenario:

* Given I select “Spanish” as my language preference,
* When I navigate through different pages of the app,
* Then all text and labels should be displayed in Spanish.

Negative Scenario:

* Given the selected language is not supported,
* When I attempt to switch to that language,
* Then I should receive a message indicating that the language is not available.

Alternate Scenario:

* Given I am using the app in one language,
* When I change the language settings,
* Then my language preference should be saved and applied across sessions.

**Epic 17:** Promo Codes and Discounts

**User Story 1:** Applying Promo Codes

As a customer,

I want to apply promo codes to my order,

So that I can receive discounts or special offers. Acceptance Criteria:

Given I am on the checkout page, When I enter a valid promo code,

Then the discount associated with the promo code should be applied to my order total.

Positive Scenario:

* Given I have a promo code for 20% off,
* When I apply the code at checkout,
* Then my order total should reflect a 20% discount.

Negative Scenario:

* Given I enter an expired or invalid promo code,
* When I apply the code,
* Then I should receive an error message indicating that the promo code is not valid.

Alternate Scenario:

* Given I have multiple promo codes,
* When I apply one code,
* Then the app should only apply one code at a time and inform me if other codes are not applicable.

**Epic 18:** Notifications Management

**User Story 1:** Notification Preferences

As a user,

I want to manage my notification preferences,

So that I can choose what types of notifications I receive and how I receive them. Acceptance Criteria:

Given I am on the notification settings page,

When I toggle the settings for different types of notifications (e.g., order updates, promotions), Then my preferences should be saved and applied to my account.

Positive Scenario:

* Given I opt-in to receive notifications about order updates,
* When an order update occurs,
* Then I should receive a notification according to my preferences (e.g., push notification, email).

Negative Scenario:

* Given I opt-out of receiving promotional notifications,
* When a new promotion is available,
* Then I should not receive any promotional messages or emails.

Alternate Scenario:

* Given I change my notification preferences,
* When I save the changes,
* Then the new preferences should take effect immediately, and I should be notified according to the updated settings.

**Epic 19:** User Feedback and Ratings

**User Story 1:** Leaving a Review

As a customer,

I want to leave a review and rating for my order, So that I can provide feedback on my experience.

Acceptance Criteria:

Given I have completed my order, When I navigate to the review page,

Then I should be able to rate my experience (1-5 stars) and leave a written review.

Positive Scenario:

* Given I rate my order as 5 stars and leave a positive review,
* When I submit the review,
* Then it should be posted and visible to other users and the chef.

Negative Scenario:

* Given I attempt to submit a review without selecting a rating or writing any feedback,
* When I submit the review,
* Then I should receive an error message indicating that both a rating and written feedback are required.

Alternate Scenario:

* Given I want to edit my review,
* When I access my previously submitted review and make changes,

Then the updated review should replace the previous one and reflect the new content.

**Epic 20:** Recipe and Nutrition Information

**User Story 1:** View Recipe and Nutrition Information

As a customer,

I want to view detailed recipe and nutrition information for menu items, So that I can make informed choices based on my dietary needs.

Acceptance Criteria:

Given I am on a menu item detail page,

When I view the recipe and nutrition information,

Then I should see a comprehensive list of ingredients, nutritional facts (calories, fat, protein, etc.), and any allergen information.

Positive Scenario:

Given I select a menu item,

When I view its details,

Then I should see the full list of ingredients and nutritional breakdown, including calories, fat content, and any relevant allergens.

Negative Scenario:

* Given the recipe or nutrition information is incomplete or missing,
* When I view the menu item details,
* Then I should receive a message indicating that the information is not available.

Alternate Scenario:

* Given I am interested in a specific dietary requirement (e.g., gluten-free),
* When I apply the dietary filter,
* Then I should see menu items that meet my dietary needs, along with their recipe and nutrition information.