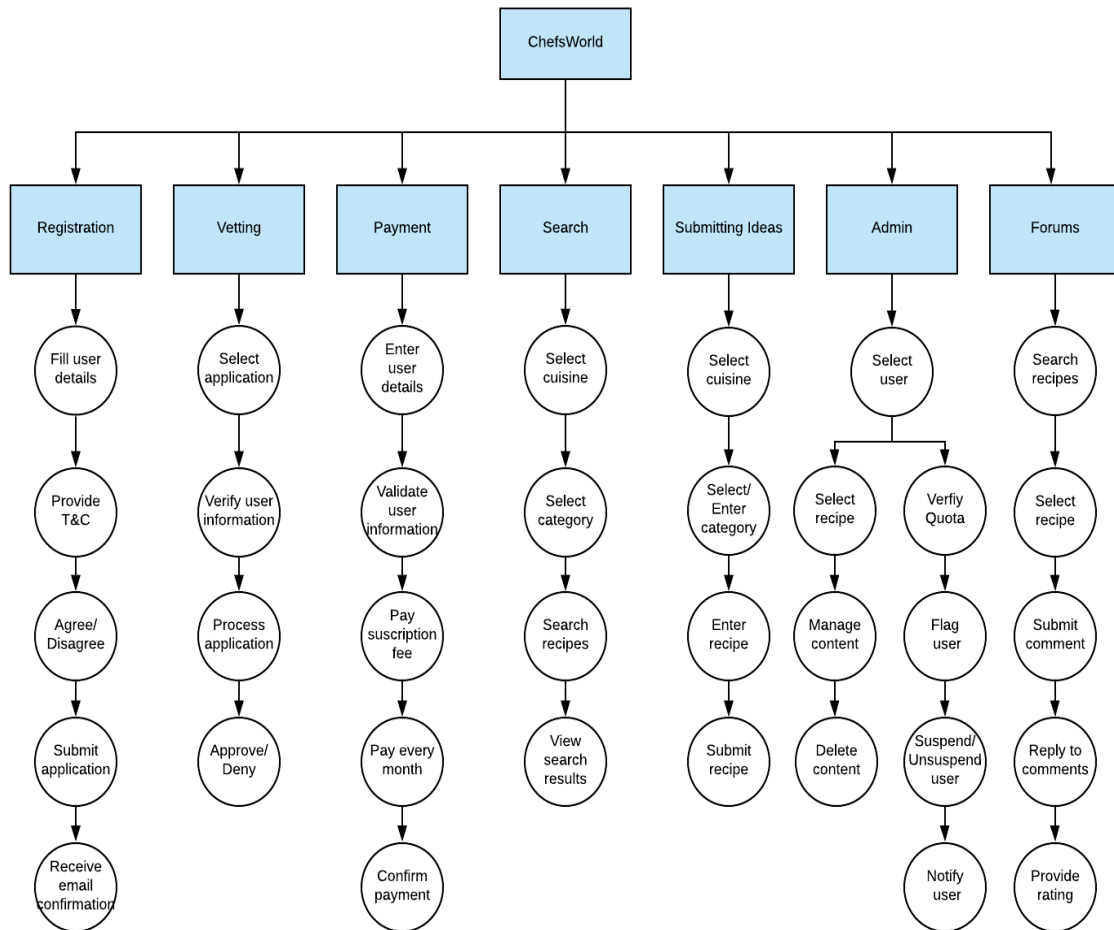


1. Decomposition Diagram



2. BRD

Requirements document for *ChefsWorld*

Date:04/23/2019

By: Sravya Katamneni

Revision History

Revision number	Date	Reason for revision	Revised by

1. Scope

Ability to create account; allow users to share recipes; view other users recipes; comment and rate recipes; ability to make payment; ability to participate in discussion; manage user content;

2. Out of scope

Advertisements on the website
Instant chat with other users

3. Goals

To become world's largest online community for chefs

4. Objectives

- Build a system to share recipes
- Create website that is easy to use and has quick response time
- Make the website accessible to people from different countries

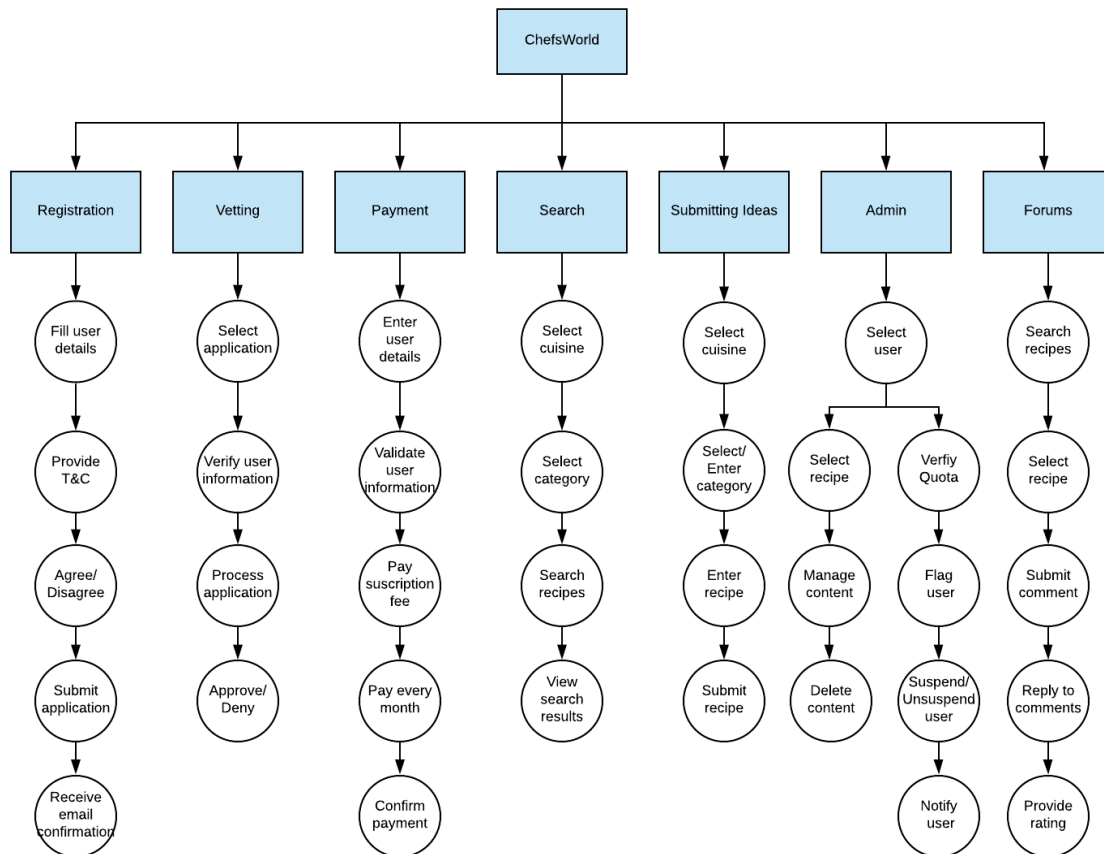
5. Risks

A website for chefs is built for the first time. Workforce with the knowledge of technology used is limited.

6. Constraints

The quality of the project is constrained by the amount of time and the money that can be spent on various resources.

7. Decomposition diagram



8. Functional requirements

1.0 Registration

1.1 Fill user details

1.1.1 The system shall require the user to enter all necessary details

1.1.2 The system shall require the user to enter an unregistered email address

1.2 Provide T&C

1.2.1 The system shall provide terms and conditions applicable to the user

1.3 Agree/Disagree

1.3.1 The system shall require the user to review all the terms and conditions

1.3.2 The system shall require the user to agree or disagree the terms and conditions

- 1.4 Submit application
 - 1.4.1 The system shall require the user to submit the application
 - 1.4.1.1 The system shall notify the user on successful submission
- 1.5 Receive email confirmation
 - 1.5.1 The system shall require the user to enter valid email address
 - 1.5.2 The system shall require the user to verify the email received
 - 1.5.2.1 The system shall notify the user if the registration is completed
- 2.0 Vetting
 - 2.1 Select application
 - 2.1.1 The system shall allow an employee to select a user application
 - 2.2 Verify user information
 - 2.2.1 The system shall allow an employee to validate the user information
 - 2.2.1.1 The system shall notify the user if more details are required
 - 2.3 Process application
 - 2.3.1 The system shall require the employee to enter the validation result
 - 2.4 Approve/Deny
 - 2.4.1 The system shall notify the user if the subscription is approved
 - 2.4.2 The system shall notify the user if the subscription is denied
- 3.0 Payment
 - 3.1 Enter user details
 - 3.1.1 The system shall require the user to enter valid payment details
 - 3.2 Validate user information
 - 3.2.1 The system shall validate the user payment details
 - 3.2.1.1 The system will notify the user if the details are invalid
 - 3.3 Pay subscription fee
 - 3.3.1 The system shall require the user to make the initial payment to subscribe
 - 3.3.1.1 The system shall notify the user payment validity period
 - 3.4 Pay every month

- 3.4.1 The system shall require the user to pay the fee every month
 - 3.4.2 The system shall notify the user of upcoming payment
 - 3.4.3 The system shall verify the validity of the payment method
 - 3.4.3.1 The system shall notify the user if the payment details are invalid
- 3.5 Confirm payment
 - 3.5.1 The system shall notify the user of successful payment
 - 3.5.2 The system shall generate e-receipt
- 4.0 Search
 - 4.1 Select cuisine
 - 4.1.1 The system shall allow the user to select a cuisine
 - 4.2 Select category
 - 4.2.1 The system shall allow the user to select a category
 - 4.3 Search recipes
 - 4.3.1 The system shall allow the user to search for a recipe
 - 4.4 View search results
 - 4.4.1 The system shall display the results to the user
 - 4.4.2 The system shall display related recipes
- 5.0 Submitting ideas
 - 5.1 Select cuisine
 - 5.1.1 The system shall require the user to select a cuisine
 - 5.2 Select/Enter category
 - 5.2.1 The system shall require the user to select an available category
 - 5.2.2 The system shall require the user to select new category
 - 5.2.2.1 The system shall require the user to enter the name of the category
 - 5.3 Enter recipe
 - 5.3.1 The system shall require the user to enter the recipe
 - 5.3.1.1 The system shall require the user to enter the ingredients required
 - 5.3.1.2 The system shall require the user to enter instructions to follow
 - 5.4 Submit recipe
 - 5.4.1 The system shall require the user to save the recipe
 - 5.4.2 The system shall require the user to submit the recipe

6.0 Admin

6.1 Select user

6.1.1 The system shall require the staff to select an approved user

6.2 Select recipe

6.2.1 The system shall require the staff to select a recipe submitted by an approved user

6.3 Manage content

6.3.1 The system shall allow the staff to edit the recipe

6.3.2 The system shall allow the staff to edit the comments

6.3.3 The system shall allow the staff to edit the ratings of a recipe

6.4 Delete content

6.4.1 The system allows the staff to delete inappropriate user content

6.5 Verify Quota

6.5.1 The system shall allow the staff to view the user quota fulfilled

6.6 Flag user

6.6.1 The system shall allow the staff to flag the user account

6.6.1.1 The system shall notify the flagged user

6.7 Suspend/Unsuspend user

6.7.1 The system shall allow the staff to select a flagged user

6.7.2 The system shall allow the staff to suspend user

6.7.3 The system shall allow the staff to unsuspend qualified user

6.8 Notify user

6.8.1 The system shall allow the staff to suspended/unsuspend qualified user

7.0 Forums

7.1 Search recipe

7.1.1 The system shall allow the user to search for a recipe

7.2 Select recipe

7.2.1 The system will require the user to select a recipe

7.3 Submit comment

7.3.1 The system shall allow the user to comment on recipe

7.4 Reply to comments

7.4.1 The system shall allow the user to reply to existing comments

7.5 Provide rating

7.5.1 The system shall allow the user to rate a recipe

9. Nonfunctional requirements

1.0 Security

- 1.1 The system shall encrypt the credit card numbers
- 1.2 The system shall secure the user information
- 1.3 The system shall run under SSL
- 1.4 The system shall support two-factor authentication

2.0 Storage

- 2.1 The system shall require 500GB of storage
- 2.2 The system shall allow additional storage to be added

3.0 Browsers

- 3.1 The system shall be compatible with IE, Edge, Safari, Firefox, Opera, Chrome
- 3.2 The system shall be compatible with mobile browsers in iOS, Android and other major operating systems

4.0 Mobile application

- 4.1 The system shall be available through mobile apps for major operating systems like iOS, Android, Blackberry, etc.

5.0 Response time

- 5.1 The system response time will be within industry standards (4-5 seconds)

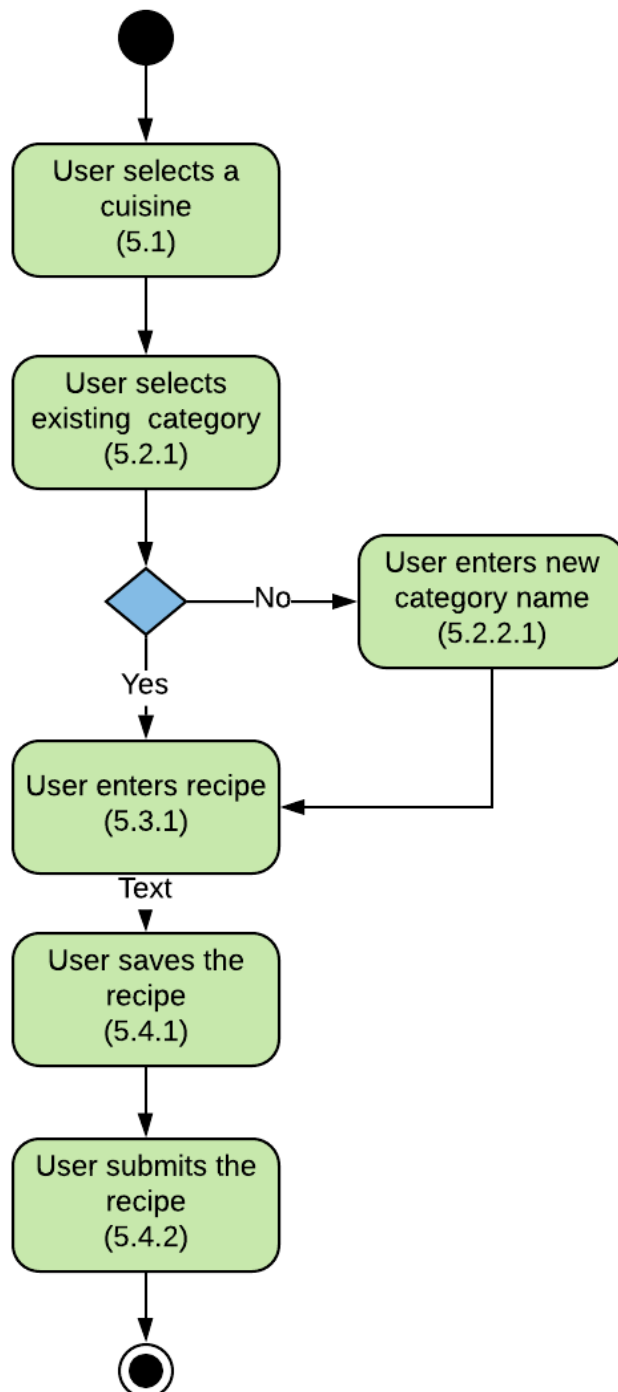
Stakeholders

CEO, Product Managers

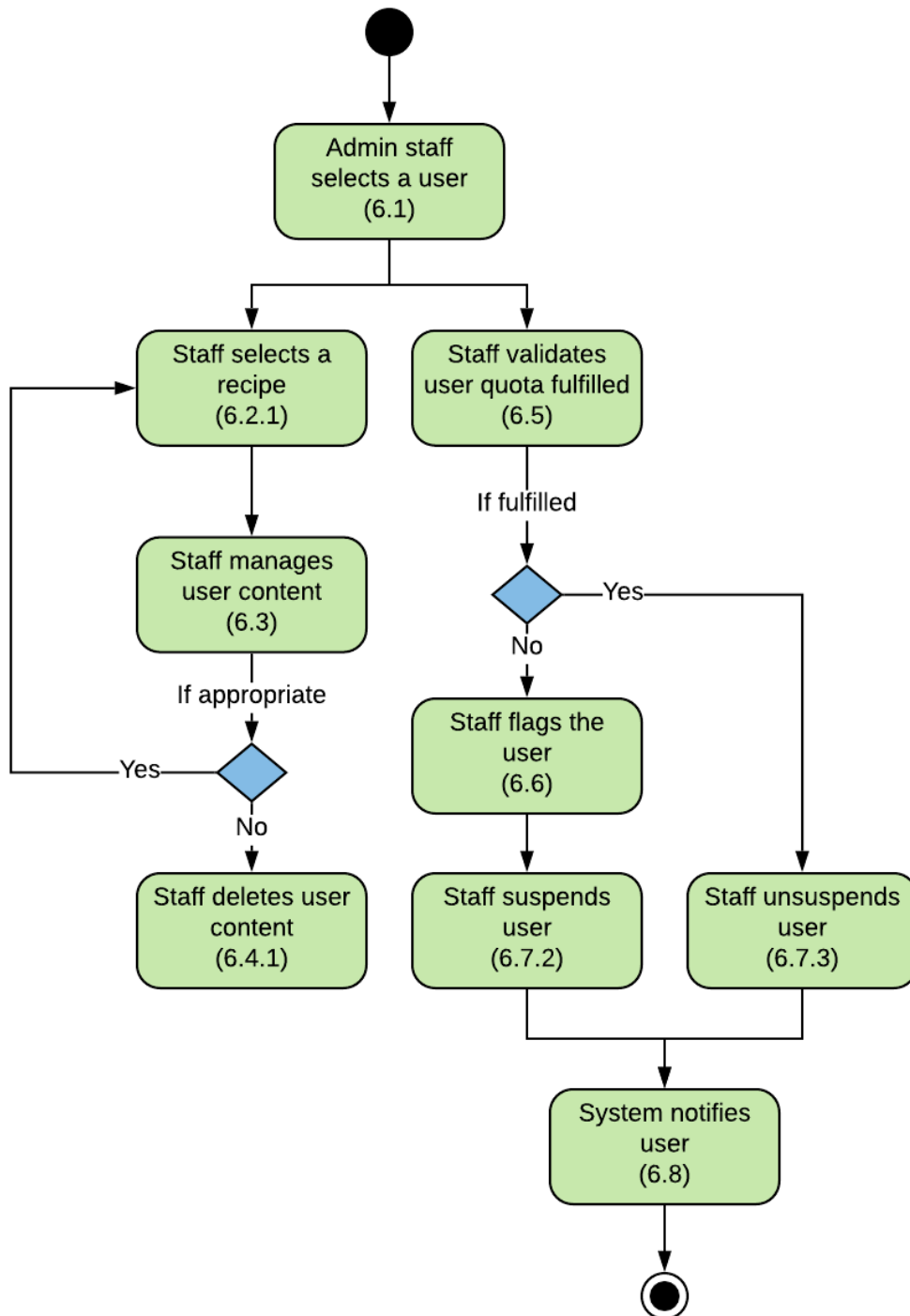
10.Approvals

3. Process Flows

Submitting Ideas

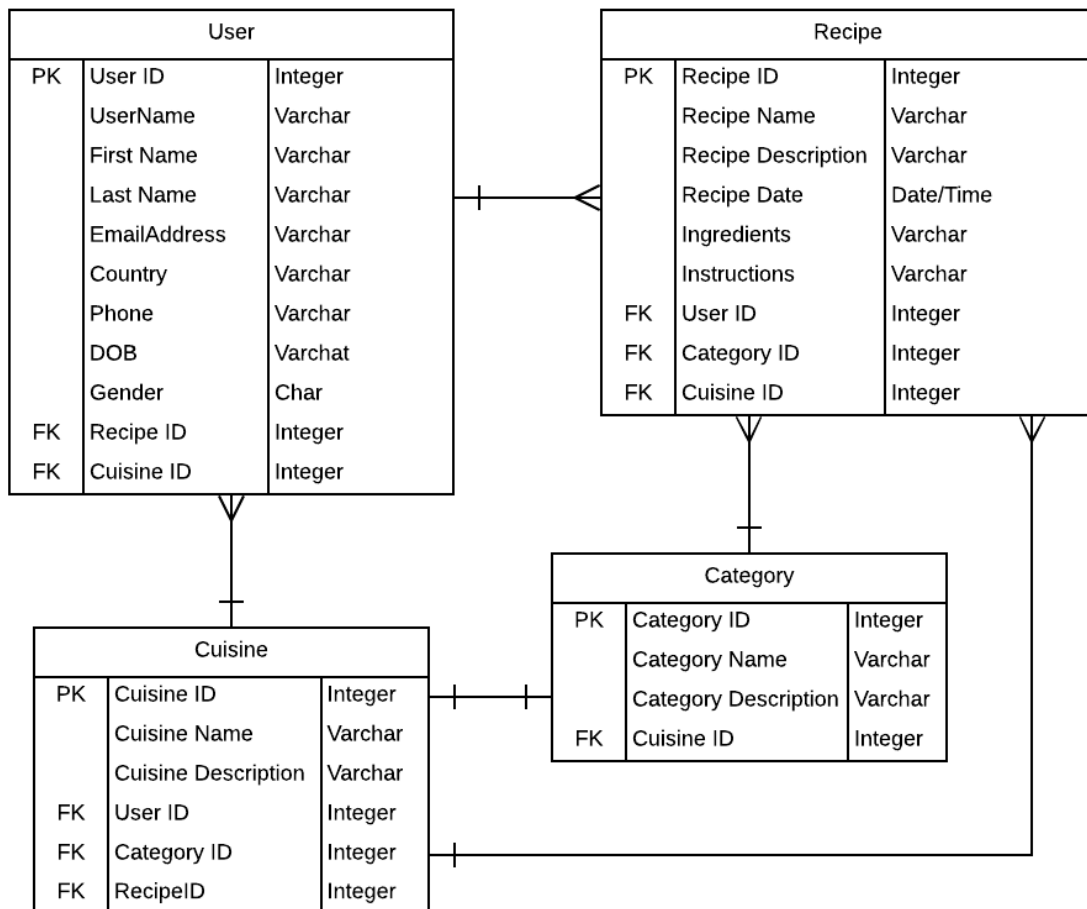


Admin

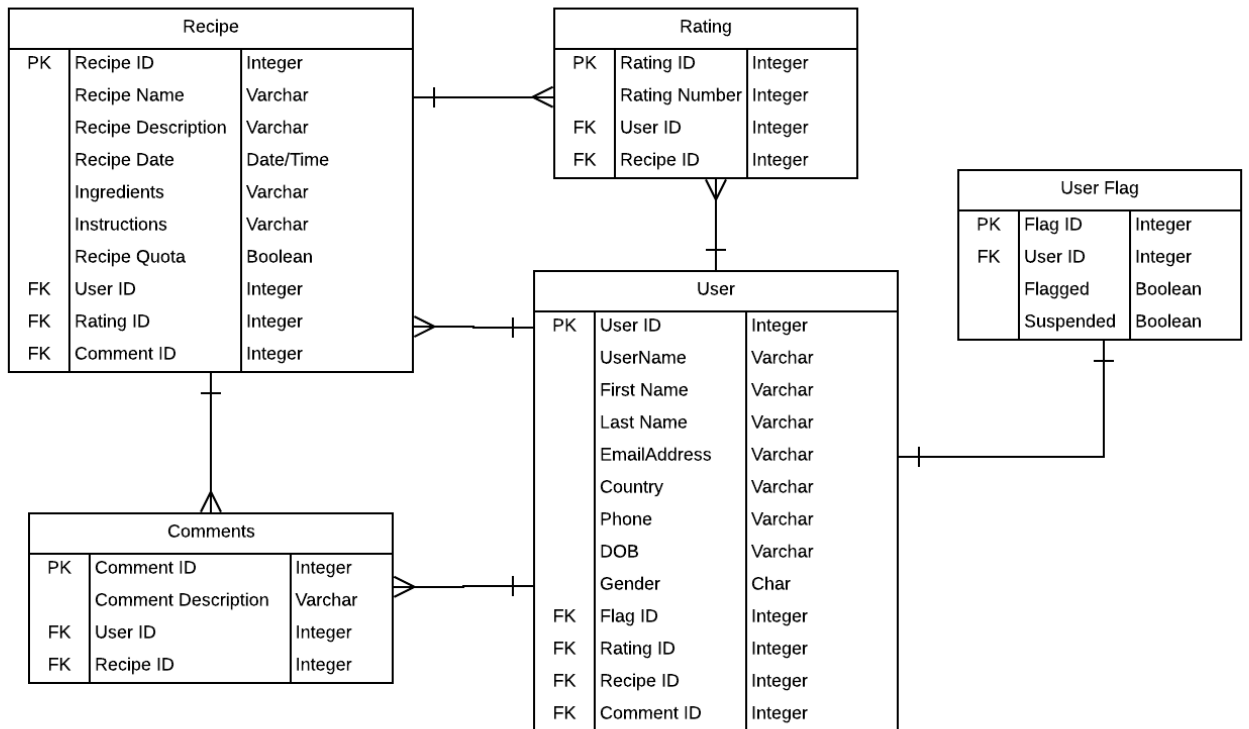


4. Data Model

Submitting Ideas

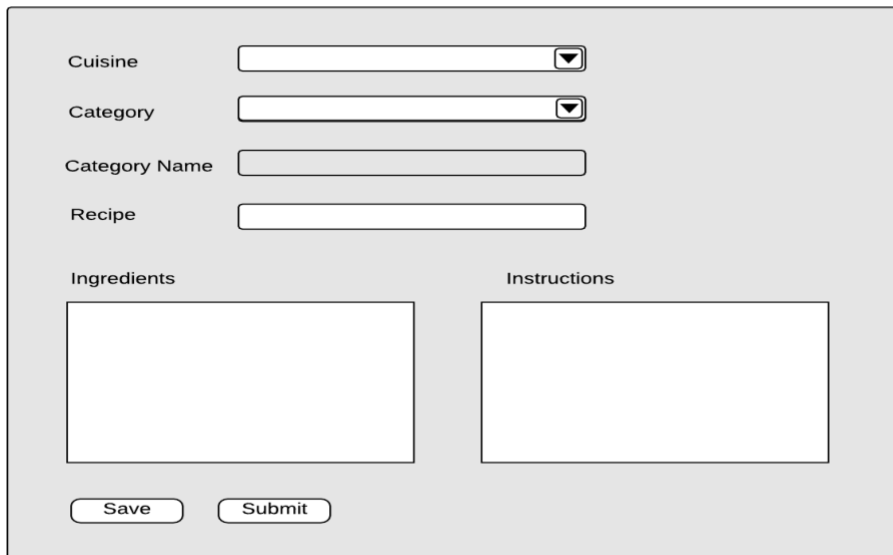


Admin



5. Wireframes

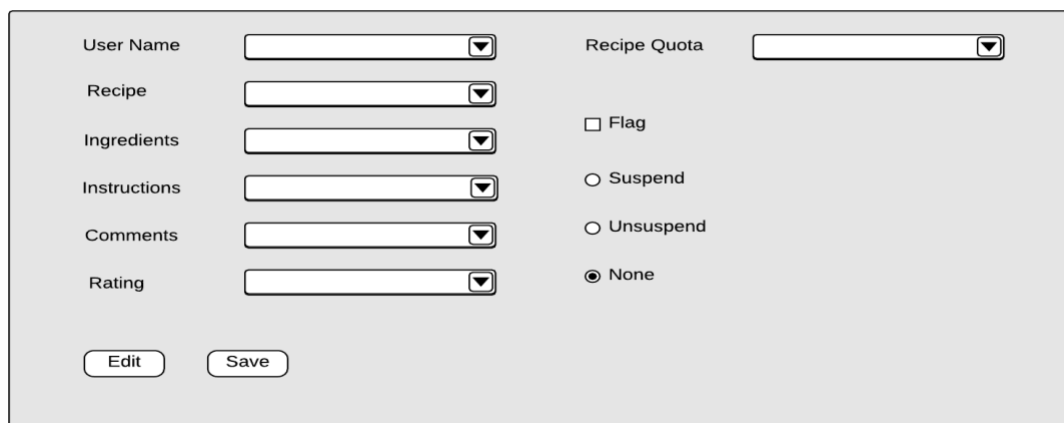
Submitting Ideas



A wireframe for a 'Submitting Ideas' form. It features a light gray background with a white border. The form contains the following elements:

- Cuisine:** A text input field followed by a dropdown arrow icon.
- Category:** A text input field followed by a dropdown arrow icon.
- Category Name:** A text input field.
- Recipe:** A text input field.
- Ingredients:** A large rectangular text area.
- Instructions:** A large rectangular text area.
- Buttons:** Two buttons labeled 'Save' and 'Submit' at the bottom left.

Admin



A wireframe for an 'Admin' form. It features a light gray background with a white border. The form contains the following elements:

- User Name:** A text input field followed by a dropdown arrow icon.
- Recipe:** A text input field followed by a dropdown arrow icon.
- Ingredients:** A text input field followed by a dropdown arrow icon.
- Instructions:** A text input field followed by a dropdown arrow icon.
- Comments:** A text input field followed by a dropdown arrow icon.
- Rating:** A text input field followed by a dropdown arrow icon.
- Recipe Quota:** A text input field followed by a dropdown arrow icon.
- Actions:** A group of three radio buttons: 'Flag' (unchecked), 'Suspend' (unchecked), and 'Unsuspend' (unchecked).
- None:** A radio button with a selected dot.
- Buttons:** Two buttons labeled 'Edit' and 'Save' at the bottom left.

6. Use Case Statements

Submitting Ideas

Sequence no.	User Action	System Action
1	User clicks cuisine menu item	System displays cuisine menu
2	User selects cuisine	System displays cuisine
3	User selects category menu item	System displays category menu
4	User selects category	System displays category
5	User selects new category	System highlights category name field
6	User enters category name	----
7	User enters recipe	----
8	User enters ingredients	----
9	User enters instructions	----
10	Users clicks save	System validates data
11	----	System saves data
12	End Use Case	----
7.1	User has not entered recipe	System displays error message
	Action returns to 7	----
8.1	User has not entered ingredients	System displays error message
	Action returns to 8	----
9.1	User has not entered instructions	System displays error message
	Action returns to 9	----

Admin

Sequence no.	User Action	System Action
1	User selects user name menu item	System displays user name menu
2	User selects user name	System displays user name
3		System displays recipe quota
4	User selects flag check box	
5	User selects suspend or unsuspend button	
6	User selects recipe menu item	System displays recipe menu
7	User selects recipe	System displays recipe
8	----	System displays ingredients
9	----	System displays instructions
10	----	System displays comments
11	----	System displays rating
12	User clicks save button	System saves data
13	End Use Case	
4.1		System prompts to confirm
	User selects yes or no	
5.1		System prompts to confirm
	User selects yes or no	
7.1	User clicks edit button	System prompts to confirm delete
	Action returns to line 7	

