

# ChefsWorld

9490 Final Project

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Date: 05/07/2019

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## Revision History

| Revision number | Date | Reason for revision | Revised by |
|-----------------|------|---------------------|------------|
|                 |      |                     |            |
|                 |      |                     |            |
|                 |      |                     |            |
|                 |      |                     |            |

## **Scope Sheet**

### **Background/Intro**

There is no global online cooking recipe sharing platform to chefs around the world where they can exchange their recipes on internet.

The founder and investors would like to build a site to accomplish this.

### **Goal**

Become the leading cooking recipe sharing website in US and internationally for the following years.

### **Objectives**

- Build a system to support an e-share platform for cook recipes.
- Make the site available in US and worldwide for the future.
- Create an easy to use, simple site.
- Create a site with quick response.

### **Scope**

- Ability to create user/customer accounts;
- Ability to submit recipes;
- Allow the users to search, like/dislike and comment on other recipes;
- Payment method should be secure from hacking;
- Allow advertising.
- Create a personal dashboard to adjust payment methods, personal information addresses, purchase history;

### **Risks**

- Owner has many businesses,  
He might not be available to provide business requirements when needed.  
He might not be able to allocate his other resources that he is using for other projects.

### **Constraints**

- To be the lead in this field, project needs to be completed in short amount of time.
- The budget is limited by \$750,000.

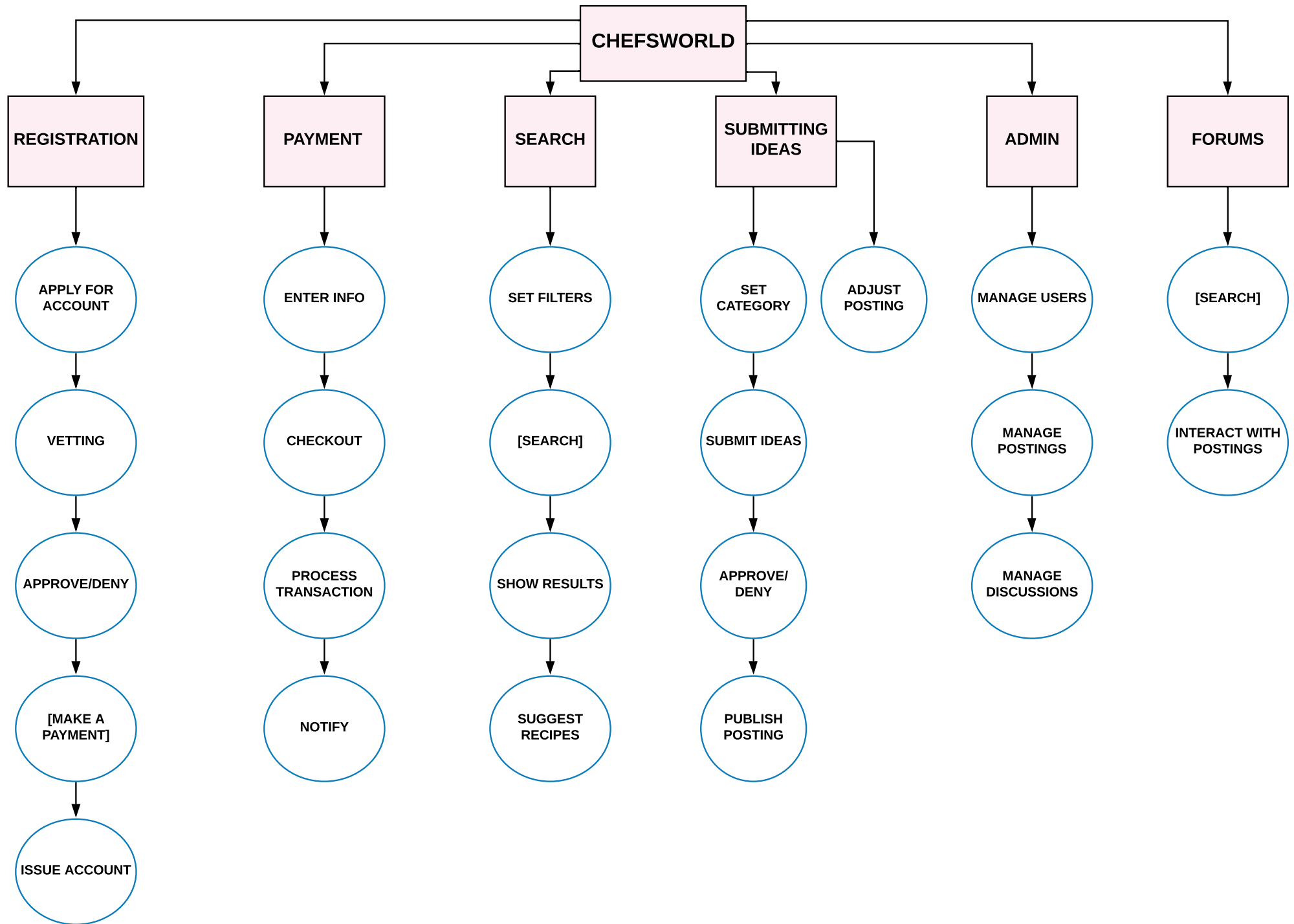
### **What is out of scope?**

Ability to upload recipe videos.

### **List of actors**

Founder, investors.

# CHEFSWORLD DECOMPOSITION DIAGRAM



# 1. Functional Requirements

## 1.1 Registration

### 1.1.1 Apply for an account

1.1.1.1 The system shall require the user to enter all necessary fields

1.1.1.2 The system shall require the user to upload required documents such as resume, portfolio and cover letter.

1.1.1.3 The system shall require the user to create valid password

1.1.1.4 The system shall require to check username is unique

1.1.1.5 The system shall require user to accept terms and conditions

### 1.1.2 Review

1.1.2.1 The system shall require the user to verify email address

### 1.1.3 Approve/Deny

1.1.3.1 The system shall notify user that application has received for review process.

1.1.3.2 The system shall notify user of approval or denial

### 1.1.4 [Make a Payment]

### 1.1.5 Issue Account

1.1.5.1 The system shall create user profile

1.1.5.2 The system shall allow user to manage account settings

## 1.2 Payment

### 1.2.1 Check out

### 1.2.2 Enter info

1.2.2.1 The system shall require user to choose subscription plan

1.2.2.2 The system shall require that all pertinent is entered

1.2.2.3 The system shall require a valid credit card type that Chefsworld accepts

### 1.2.3 Review

1.2.3.1 The system shall require the customer to review details before submitting

1.2.3.2 The system shall require that the customer accepts all terms and conditions

### 1.2.4 Process transaction

1.2.4.1 System shall send request to validate the credit card

1.2.4.2 The system shall process the transaction after the card has been validated

### 1.2.5 Notify

1.2.5.1 The system shall notify the customer of a successful transaction

1.2.5.1.1 The system shall send e-bill to user

1.2.5.2 The system shall notify the customer of a failed transaction

1.2.5.2.1 The system shall allow the customer to re-enter the transaction

## **1.3 Search**

### **1.3.1 Set Filters**

1.3.1.1 The system shall provide filter options

### **1.3.2 Search**

1.3.2.1 The system shall allow user to enter keywords

### **1.3.3 Show Results**

1.3.3.1 The system shall list the search results

1.3.3.2 The system shall display details

1.3.3.3 The system shall allow user to adjust filters

1.3.3.4 The system shall allow user to sort result page

1.3.3.4.1 The system shall allow user to sort results in terms of rating

1.3.3.4.2 The system shall allow user to sort results in terms of category

1.3.3.4.3 The system shall allow user to sort results in terms of chefs

### **1.3.4 Show similar/popular recipes**

1.3.4.1 The system shall suggest the user similar recipes based on search criteria

1.3.4.2 The system shall suggest the user popular recipes

## **1.4 Submitting Ideas**

### **1.4.1 Submit Ideas**

1.4.1.1 The system shall allow user to upload recipes

1.4.1.1.1 The system shall require user to enter recipe details and category

1.4.1.2 The system shall require the user to accept terms and conditions

### **1.4.2 Approve/Deny**

1.4.2.1 The system shall require an expert to review the recipe

1.4.2.2 The system shall notify user of approval or denial

### **1.4.3 Post Recipe**

1.4.3.1 The system shall publish recipe after approval

### **1.4.4 Adjust**

1.4.4.1 The system shall allow user to view previous recipes

1.4.4.2 The System shall allow user to adjust/delete posting

1.4.4.3 [1.4.1.1.1]

## **1.5 Admin**

### **1.5.1 Manage Users**

1.5.1.1 The system shall allow admin to accept/deny user applications

1.5.1.2 The system shall allow admin to monitor user's activities

1.5.1.3 The system shall automatically suspend users if they don't match monthly posting requirements.

1.5.1.3.1 The system shall notify admin for suspended users

1.5.1.3.2 The system shall allow admin to remove suspensions

1.5.1.4 The system shall notify admin about complains about users or postings

1.5.1.4.1 They system shall allow admin to suspend/un-suspend users/posts

### 1.5.2 Manage Postings

1.5.2.1 The system shall allow admin to submit posting

1.5.2.2 The system shall allow admin to edit/delete posts

### 1.5.3 Manage Discussions

1.5.3.1 The system shall allow admin to create discussion

1.5.3.2 The system shall allow admin to edit forums if necessary

1.5.3.3 The system shall allow admin to flag inappropriate words or offensive material for removal.

## 1.6 Forums

1.6.1 [Search]

1.6.2 View Results

1.6.2.1 The system shall allow user to view search results

1.6.3 Interact

1.6.3.1 The system shall allow users to interact with posts and discussions

1.6.3.1.1 The system shall allow users to create discussion

1.6.3.1.2 The system shall allow users to make comments to other contents

1.6.3.1.3 The system shall allow user to like/dislike contents

## 2. Nonfunctional requirements

### 2.1 Security

2.1.1 The system shall encrypt the social security number

2.1.2 The system shall encrypt the credit card numbers

2.1.3 The system shall run under SSL

### 2.2 Storage

2.2.1 The system shall require enough gig of storage

2.2.2 The system shall allow additional storage to be added

### 2.3 Browsers

2.3.1 The system shall be compatible with Safari, Firefox, Google Chrome, Opera

2.3.2 The system shall operate on all mobile versions of Chefsworld on phones, tablets and other IOT's.

### 2.4 Response time

2.4.1 The system response time will be within industry standards (1-2 seconds)

## Stakeholders

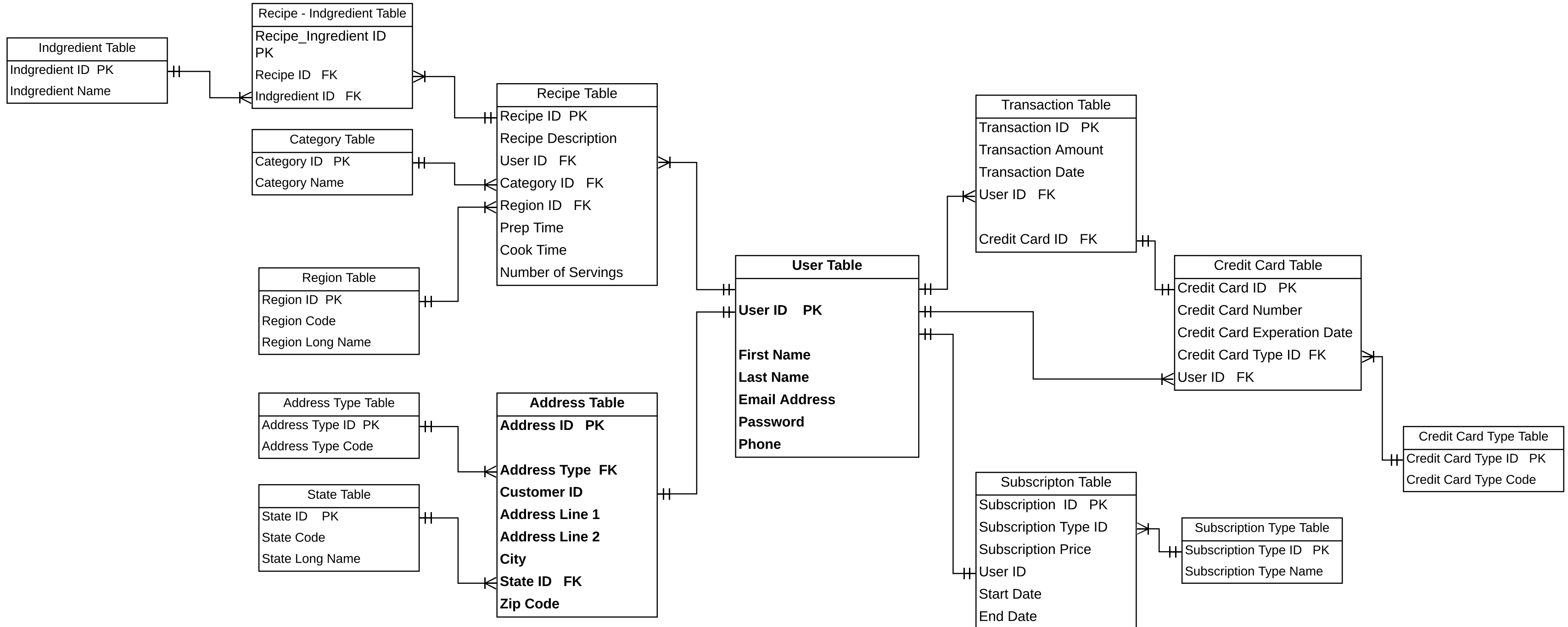
Owners, Investors, Customers, Vendors, Creditors

## Approvals

Bob Stolar

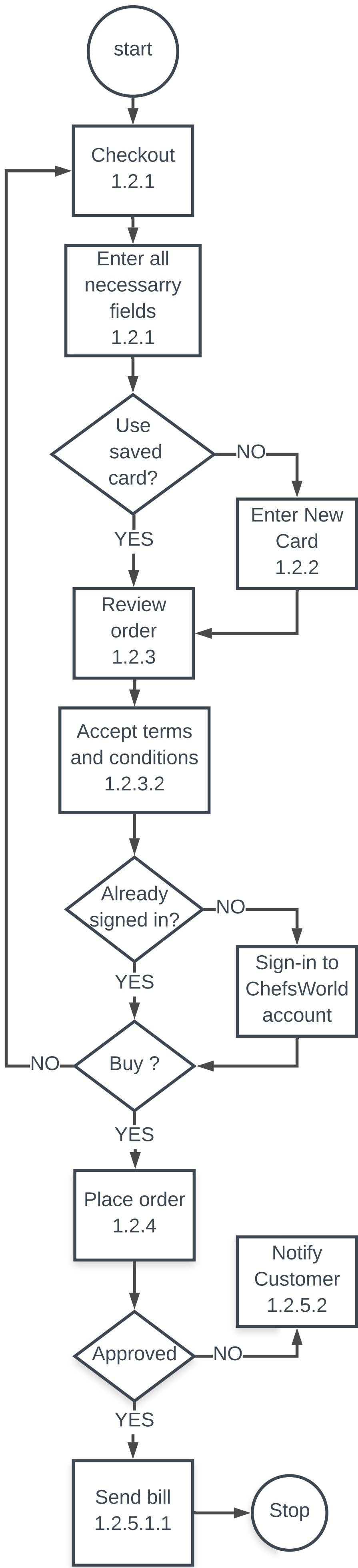
# CHEFSWORLD DATA MODEL

(PAYMENT+SUBMITTING IDEAS COMBINED)





# PAYMENT ACTIVITY DIAGRAM





Hello, Cem

Log Out



Settings

## Payment Page

Home

Search

Recipe Dashboard

Forum

Payment

Contact

### Choose your plan



Monthly – \$15.99



1 year plan – \$145 - Save %25



2 year plan – \$230 - Save %40

ORDER

\$15.99



Subscribe to chefsworld e-newsletter



Send me notifications for top rated recipes

### Payment Information \* Required

Card Type\*



Expiration Date

Month



Year



Card Number\* Do not enter spaces

Use saved card?

Security Number\* *(Where is this information?)*

Or



Promo code

Apply

Clear

### Billing Information \* Required

Address Type:

Select

City :

Zip Code :

Address Line 1:

State:

Address Line 2:

Clear

Proceed to Review



https://subscribe.chefsworld.com/subscribe.page2.review/cem.davran.123456



Hello, Cem

Log Out



Settings

## Payment Page

Home

Search

Recipe Dashboard

Forum

Payment

Contact

### Order Summary



1 year plan selected

Start Date: 05 / 06 / 2019

End Date: 05 / 06 / 2020

Payment Method:

American Express Card Ending in 1154

☐

Do not re-new my subscription automatically

☐

I have read and accept all the terms and conditions of ChefsWorld subscription plan \*

Cancel

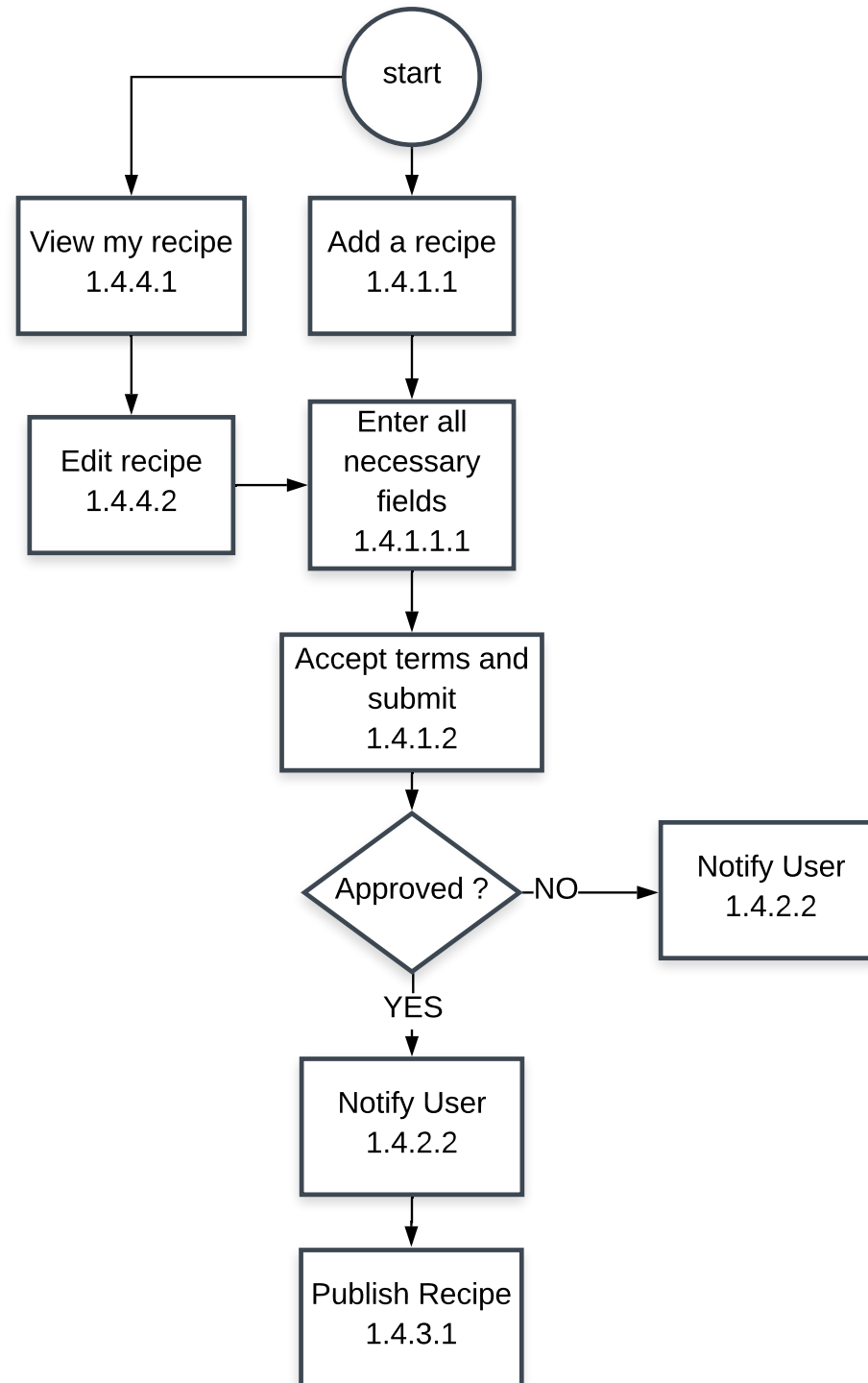
Place your Order



## Payment Use Case

| Seq Number | User Action                               | System Action                   |
|------------|---|---------------------------------|
| 1          | User clicks Payment from menu             | System opens Payment menu       |
| 2          | User chooses subscription type            | System displays price           |
| 3          | User chooses card type                    | ----                            |
| 4          | User enters data fields                   | ----                            |
| 5          | User clicks proceed to review order       | System asks to save the data    |
| 6          | User accepts the system to save data      | System saves the data           |
| 7          | ----                                      | System displays review menu     |
| 8          | User clicks submit payment                | System validates data           |
| 9          | ----                                      | System processes payment        |
| 10         | ----                                      | System notifies the user        |
| 11         | ----                                      | System sends e-bill to the user |
| 6.1        | User denies the system to save data       | Action returns to line 7        |
| 5.1        | User has not entered all mandatory fields | System displays error message   |
| 5.2        | User corrects data issues                 | ----                            |
| 5.3        | Action returns to line 5                  |                                 |

## SUBMITTING IDEAS ACTIVITY DIAGRAM





https://subscribe.chefsworld.com/recipes.page1/cem.davran.123456



Hello, Cem

Log Out



Settings

# Recipe Dashboard

Home

Search

Recipe Dashboard

Forum

Payment

Contact

Add New Recipe



View My Recipes



Hello, Cem

Log Out



Settings

## Recipe Dashboard

Home

Search

Recipe Dashboard

Forum

Payment

Contact

## Add your recipe

### Choose:

Category

Region

Ingredients

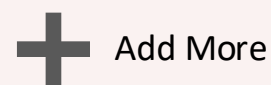
Unit

Prep Time

HH : MM



Number of Servings



Cook Time

HH : MM

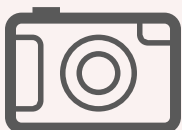


Recipe Name

Description

Type Here...

### Upload photo



Preview

### Directions

Type Here...

Cancel

Save as a Draft

Submit For Review



## Add Recipe Use Case

### (Submitting Ideas)

| Seq Number | User Action                               | System Action  |
|------------|---|--|
| 1          | User clicks Recipe Dashboard from menu    | System displays Recipe Dashboard menu                          |
| 2          | User clicks Add Recipe                    | System displays Add Recipe menu                                |
| 3          | User enters all necessary fields          | -----  |
| 4          | User clicks submit for review             | System displays submission message                             |
| 5          | ----                                      | System sends notification email                                |
| 3.1        | User clicks Save as a Draft               | System saves information as a draft under view my recipes menu |
| 4.1        | User has not entered all mandatory fields | System displays error message                                  |
| 4.2        | User corrects data issues                 | ----   |
| 4.3        | Action returns to line 4                  |  |





https://subscribe.chefsworld.com/recipes.page3/cem.davran.123456



Hello, Cem

Log Out



Settings

## Recipe Dashboard

Home

Search

Recipe Dashboard

Forum

Payment

Contact

Add New Recipe

View My Recipes





Hello, Cem

Log Out



Settings

# Recipe Dashboard

[Home](#)[Search](#)[Recipe Dashboard](#)[Forum](#)[Payment](#)[Contact](#)

## My Recipes:

Sort By :

|                                  | Category | Region    | Recipe Name | Publish Date            | Rate       |       |
|----------------------------------|----------|-----------|-------------|-------------------------|------------|-------|
| <input checked="" type="radio"/> |          | Main Dish | Asian       | Chicken Broccoli Noddle | 06/15/2018 | ☆☆☆☆☆ |
| <input type="radio"/>            |          | Starter   | Mexican     | Mini Taco               | 07/10/2018 | ☆☆☆☆☆ |
| <input type="radio"/>            |          | Main Dish | Middle East | Beef Kebab              | 08/10/2018 | ☆☆☆☆  |
| <input type="radio"/>            |          | Dessert   | N/A         | Banana Ice cream        | 09/09/2018 | ☆☆☆☆☆ |
| <input type="radio"/>            |          | Drink     | Europe      | Sangria                 | 10/05/2018 | ☆☆☆☆  |

## Draft Recipes:

|                                  | <u>Category</u>   | <u>Region</u> | <u>Recipe Name</u> | <u>Last Saved</u> |            |
|----------------------------------|---|---------------|--------------------|-------------------|------------|
| <input checked="" type="radio"/> |  | Main Dish     | Asian              | Sushi             | 10/06/2018 |
| <input type="radio"/>            |  | Main Dish     | N/A                | Grilled Salmon    | 07/10/2018 |

[Delete Recipe](#)[Edit Recipe](#)[Go to Dashboard](#)



Hello, Cem

[Log Out](#)[Settings](#)

## Recipe Dashboard

[Home](#)[Search](#)[Recipe Dashboard](#)[Forum](#)[My Account](#)[Contact](#)

### Edit your recipe

#### Choose:

Category

Region

Ingredients

Unit

Prep Time

HH : MM



Number of Servings



Add More

Cook Time

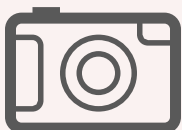
HH : MM



Recipe Name

Description

#### Upload photo



#### Preview

#### Directions

[Cancel](#)[Submit For Review](#)

## Edit/Delete Use Case

### (Submitting Ideas)

| Seq Number | User Action                               | System Action                         |
|------------|---|---------------------------------------|
| 1          | User clicks Recipe Dashboard from menu    | System displays Recipe Dashboard menu |
| 2          | User clicks View My Recipes               | System displays My Recipes menu       |
| 3          | User selects recipe to edit               | ----                                  |
| 4          | User clicks Edit Recipe                   | System displays edit recipe menu      |
| 5          | User updates all necessary fields         | -----                                 |
| 6          | User clicks submit for review             | System displays submission message    |
| 7          | ----                                      | System sends notification email       |
| 3.1        | User selects recipe to delete             | ----                                  |
| 3.2        | User clicks Delete Recipe                 | System deletes recipe                 |
| 6.1        | User has not entered all mandatory fields | System displays error message         |
| 6.2        | User corrects data issues                 | ----                                  |
| 6.3        | Action returns to line 6                  |                                       |