

ChefsWorld

Final Project - CIS 9490



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Table of Contents

1. Executive Summary.....	2
2. Business Requirements Document (BRD)	3
3. Registration Function (1.0)	14
3.1. Process Flow Diagram.....	14
3.2. Data Model Diagram	15
3.3. Wireframes.....	16
3.4. Use Cases	37
4. Vetting Function (2.0).....	44
4.1. Process Flow Diagram.....	44
4.2. Data Model Diagram	45
4.3. Wireframes.....	46
4.4. Use Cases	56

1. Executive Summary

1.1 This document highlights the IT System Analysis and Design requirements to develop an application software for 'ChefsWorld', a new Venture by Bob Stolar. He wants to incubate a startup to market a community site to chefs around the world, where they can exchange their recipes. This venture envisages a monthly subscription fee-based business model. Chefs desiring to be part of this community will complete a thorough application and vetting process prior to being approved as members of the site. All chefs who have been approved as 'registered users' shall be referred to as Members of the ChefsWorld site.

1.2 Members (registered Users) are required to submit one recipe per month. If they don't reach that quota then their accounts will be flagged, and the ChefsWorld staff, designated as 'Admin' in this document, may suspend them from seeing other recipes until they meet the mandated monthly quota of recipe sharing. Members of this site will be able to rate each other's recipes, search for recipes, comment on them and have discussion on them. 'Admin' will be able to delete comments, recipes and ratings if perceived to be inappropriate. A payment gateway will be integrated with the site to process credit card payments.

1.3 Both, Business Requirement Document (BRD) and Decomposition diagram of the business, have been listed as the envisaged deliverables for this study. Decomposition diagram is always a part of the BRD, hence the same has been included in the BRD to avoid duplicity.

1.4 This document amplifies following details of two functional areas, namely 'Registration (1.0)' and 'Vetting (2.0)':

- Process flow diagrams
- Data Model (Crow's Feet) Diagrams
- Wireframes
- Use Case statements for the Wireframes

1.5 This document maintains full traceability between the BRD and the Use Cases.

2. Business Requirements Document (BRD)

Requirements document for ChefsWorld

Final Version 1.0

Date: 5/06/19

By: Shobhit Ratan

Revision History

Revision number	Date	Reason for revision	Revised by
Draft Version R1	04/20/2019	First Draft	Shobhit Ratan
Draft Version R2	04/25/2019	Updated data model (crow's feet diagram) and wireframes for Vetting Function (2.0)	Shobhit Ratan
		Updated Non Functional Requirement (Section 9)	Shobhit Ratan
Draft Version R3	05/01/2019	Modified vetting criteria and Use Case Statement	Shobhit Ratan
Final Version 1.0	05/07/2019	Finalised the documents and corrected traceability and formatted the final BRD document	Shobhit Ratan

1. Scope statement

- **For ChefsWorld Admins:**
 - Able to manage (validate, flag,suspend, revoke) user subscriptions.
 - Able to manage (flag, delete) user comments, recipes and ratings.
- **For ChefsWorld Member Approvers:**
 - Able to approve/deny membership to the site.
- **For ChefsWorld Members:**
 - **Profile setup**
 - Ability to create/update a user profile.
 - Ability to enter and update detailed professional experience as Chef.
 - Manage payments.
 - **Search**
 - Ability to search recipes by type, cuisine, ratings, chef, country and other parameters.
 - **Recipe submission**
 - Ability to add / modify new recipes to site.
 - **Forums**
 - Ability to rate recipes.
 - Ability to comment on recipes and reply to comments
 - Ability to have discussions on recipes.

Other features:

- Able to encrypt and secure storage of customer's personal data.
- Ability to track customer behavior and capture data for analytics to draw customers to the site.
- Able to incorporate Search Engine Optimization to increase the reach.
- Site should be secure from hacking by implementing the latest technology.
- Payment Gateway – Integration with banks for processing credit card payments.
- Create an easy to use, site.
- Create a site with quick response time.

2. Out of scope

Phase 1 is restricted to chefs in the United States of America (USA). Eventually site will accept users from around the globe.

3. Goals

Build a community site for chefs around the world where they can exchange their recipes and ideas.

4. Objectives

- Create a site where users can search for recipes, comment on them, have discussions on them and rate each others' recipes.
- In phase 1, launch the website in USA and then expand worldwide.
- Initially support 10,000 users in USA and then expand to other countries.
- Site should be scalable to 250,000 users.

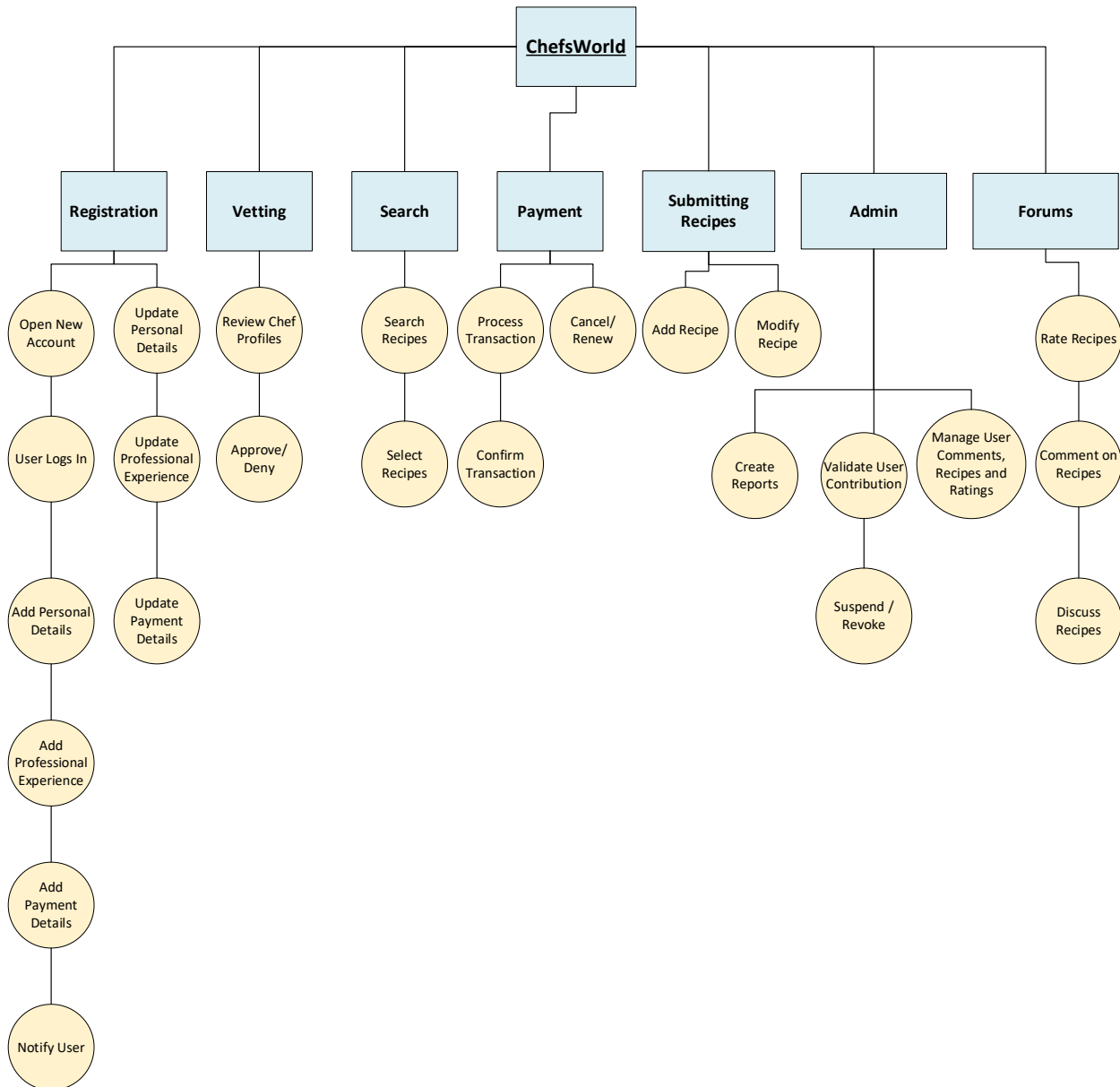
5. Risks

- Stakeholder has a busy schedule, so he may not be able to meet with the IT team regarding requirements. This would negatively affect the timeline of the project.

6. Constraints

- The project has a fixed budget of \$700,000. There cannot be an overrun of this budget.

7. Decomposition diagram



8. Functional requirements

1.0 Registration

1.1 Open New Account

1.1.1 The system shall require that the new applicant create a user id.

1.1.2 The system shall require that the user id is in a valid email address format.

1.1.3 The system shall require that the password is at least 8 characters.

- 1.1.4 The system shall require that the password contain a number, alphanumeric and special character such as \$, @, #.
- 1.1.5 The system shall require the new applicant to select 3 security questions and provide an answer for them.
- 1.1.6 The system shall verify and authenticate the new applicant's email.

1.2 User Logs In

- 1.2.1 The system will require that the User logs in with a valid User ID and password.
- 1.2.2 The system shall contain a "forgot User ID" module.
- 1.2.3 The system shall contain a "forgot password" module.

1.3 Add Personal Details

- 1.3.1 The system shall require the new applicant to enter all necessary fields.

1.4 Add Professional Experience

- 1.4.1 The system shall require the new applicant to enter all necessary fields.

1.5 Add Payment Details

- 1.5.1 The system shall require that all valid credit card information is entered that ChefsWorld accepts.

1.6 Notify User

- 1.6.1 The system shall notify new applicant that they have successfully completed the registration process and their approval as a registered user (member) is under review.
- 1.6.2 The system shall notify 'Super Admin' and 'Member Approver' whenever new applicant applies to join ChefsWorld as a registered user (member).
- 1.6.3 The system shall notify new applicant whenever the payment for subscription fee is processed.
- 1.6.4 The system shall notify new applicant on approval as registered user of ChefsWorld.
- 1.6.5 The system shall notify new applicants and registered users whenever their payments for subscription fee could not be processed by ChefsWorld.
- 1.6.6 The system shall notify new applicants when their application to join ChefsWorld as a registered User is denied.
- 1.6.7 The system shall notify registered users two weeks before the monthly subscription expiration date.

1.7 Update Personal Details

- 1.7.1 The system will allow registered users to update personal details.
- 1.7.2 The system shall also allow the new applicants to update their personal details.

1.8 Update Professional Experience

- 1.8.1 The system shall allow the new applicants to update professional experience.
- 1.8.2 The system shall allow the registered users to update professional experience.

1.9 Update Payment Details

- 1.9.1 The system shall allow the new applicants to update payment details.
- 1.9.2 The system shall allow the registered users to update payment details.

2.0 Vetting

2.1 Review Chef Profiles

- 2.1.1 The system shall allow the 'Member Approver' to review all applicants who have successfully submitted their applications.
- 2.1.2 The system shall allow the 'Member Approver' to filter the list of applicants based on the applicant's registration status.

2.2 Approve/Deny

- 2.2.1 The system shall allow the 'Member Approver' to approve the new applicants as registered Users.
 - 2.2.1.1 The system shall process the payment of member subscription fee.
- 2.2.2 The system shall allow the 'Member Approver' to deny the applicants as registered users.
 - 2.2.2.1 The system shall not process the payment of member subscription fee.

3.0 Search

3.1 Search Recipes

- 3.1.1 The system shall allow the registered users to enter search criteria's (keywords, cuisines, type, ratings, country and other parameters).
- 3.1.2 The system shall display the recipes based on the filter criteria.

3.2 Select Recipes

- 3.2.1 The system shall allow the registered users to select the recipe details they want to view.
- 3.2.2 The system shall only display the details of the recipe selected.

4.0 Payment

4.1 Process Transaction

4.1.1 The system shall send a request to validate the credit card.

4.1.2 The system shall process the transaction after validating the credit card by 1st date of each month.

4.2 Confirm Transaction

4.2.1 The system shall send confirmation to registered users once their monthly subscription payment is processed.

4.3 Cancel / Renew

4.3.1 The system shall allow the registered Users to cancel their subscription anytime.

4.3.2 The system shall allow the registered Users to renew the subscription - manually or automatically anytime. No refunds will be given for the subscription fee for the month in which the membership is cancelled.

5.0 Submitting Recipes

5.1 Add Recipe

5.1.1 The system shall allow the registered user to add recipes to the site.

5.1.2 The system shall require the registered user to enter all necessary fields.

5.2 Modify Recipe

5.2.1 The system shall allow the registered users to modify and update their recipes.

6.0 Admin

6.1 Validate User Contribution

6.1.1 The system shall allow the admin to validate whether the registered user is submitting 1 recipe each month (between 1st and the last day of the month) in order to be valid registered user.

6.1.1.1 On the 1st day of the next month the system shall flag the defaulting members who have not met their monthly recipe submission quota.

6.2 Suspend / Revoke

6.2.1 The system shall allow the admin to view list of flagged registered users who have defaulted in not submitting their monthly quota of recipes.

6.2.2 The system shall allow the admin to suspend defaulting flagged registered users, from viewing other registered users recipes.

6.2.3 The system shall allow the admin to revoke suspensions of registered user, who defaulted in submitting monthly quota of

recipes, once the suspended registered user has caught up posting own quota of recipes.

6.2.4 The system shall suspend registered users whose monthly subscription fee payment could not be processed.

6.2.5 The system shall revoke suspension of registered users once their monthly subscription fee payment has been received.

6.3 Manage User Comments, Recipes and Ratings

6.3.1 The system shall allow the admin to filter recipes with low ratings or negative comments.

6.3.2 The system shall allow the admin to review recipe details.

6.3.3 The system shall allow the admin to delete user comments, recipes and ratings if they are perceived to be inappropriate.

6.4 Create Report

6.4.1 The system shall allow 'Admin' to create reports such as 'Registered Users Report', 'Denied Applicant Report', and any other customized reports as per desired requirements.

7.0 Forums

7.1 Rate Recipes

7.1.1 The system shall allow the registered users to rate recipes shared by other registered users.

7.1.2 The system shall allow the registered users to modify / delete their ratings on recipes of other registered users.

7.2 Comment on Recipes

7.2.1 The system shall allow the registered users to add comments on recipes.

7.2.2 The system shall allow the registered users to modify/delete their comments on recipes.

7.2.3 The system shall allow the registered users to reply to comments on their recipes.

7.3 Discuss Recipes

7.3.1 The system shall allow discussions, on recipes, among the registered Users.

7.3.2 The system shall allow the registered Users to modify their discussions.

7.3.3 The system shall allow the registered Users to delete their discussions.

9. Nonfunctional requirements

1.0 Security

1.1 The system shall encrypt user IDs and passwords.

- 1.2 The system shall encrypt credit card numbers.
- 1.3 The system shall run under SSL.

2.0 Storage

- 2.1 The system shall require at least 100-150 TB of data storage.
- 2.2 The system shall allow additional storage to be added.
- 2.3 The system shall have a data backup and restore process.

3.0 Availability

- 3.1 The system shall have an availability / uptime of 99.9%.

4.0 Browsers

- 4.1 The system shall be compatible with IE, Edge, Safari, Firefox Opera and Google Chrome.

5.0 Response Time

- 5.1 The system response time shall be within industry standards (<4 seconds)

6.0 Analytics

- 6.1 The system shall track customer behavior and capture data for analytics to draw customers to the site.
- 6.2 Able to incorporate Search Engine Optimization to increase the reach.

10.Stakeholders

- **Executive Level**
 - Bob Stolar, CEO (Super admin)
- **Middle-level management**
 - Program directors
 - VPs
 - High-level supervisors
 - Advisors
- **Stakeholders**
 - Project Manager - Program
 - Delivery Lead
 - Project Lead
- **Subject-Matter Experts**
 - Business Analyst/Product Manager - Core
 - Business Analyst/Product Manager - Payments
 - Core Developers
- **End users**
 - **Registered Users (Members)** – Chefs, members of this site, shall be able to exchange, comment and rate recipes with each other.

- **Super Admin** – He / she will be able to assign Admin' and 'Member Approver' roles to ChefsWorld staff.
- **Admin** – ChefWorld staff who shall be able to delete comments, recipes and ratings if they find them inappropriate. He will also be responsible to generate desired reports and manage subscriptions.
- **Member Approver** – ChefsWorld staff, who will vet the new applicants and approve / deny membership to this site. All new applicants who are approved as registered users will be referred to as members of ChefsWorld.

11.Approvals

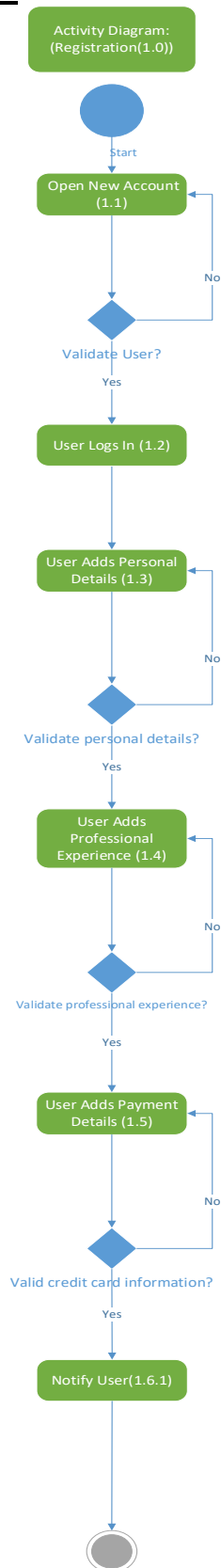
Created by: Shobhit Ratan

Reviewed by: Michael Feldman

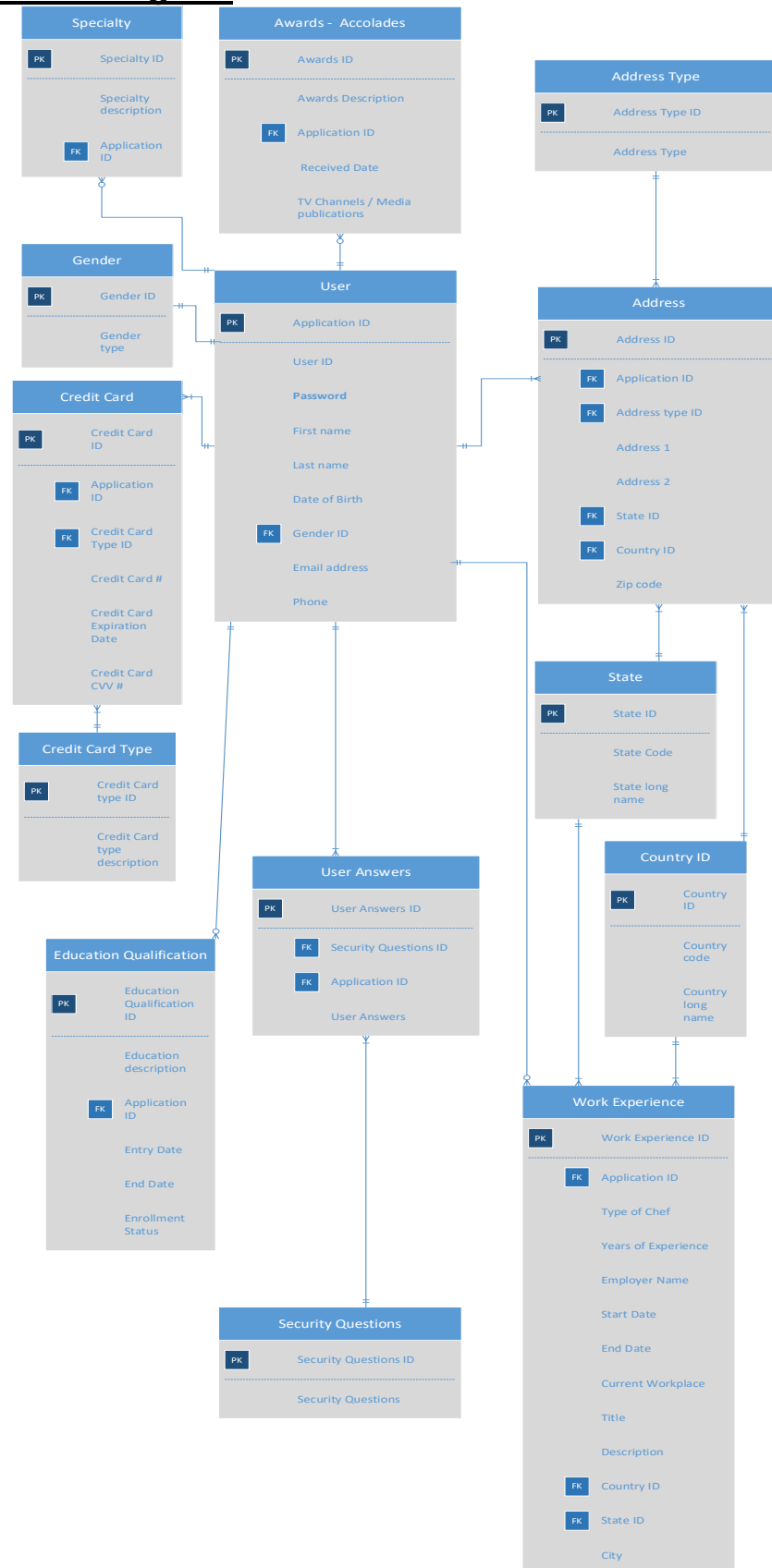
Approved by: Bob Stolar

3. Registration Function (1.0)

3.1. Process Flow Diagram



3.2. Data Model Diagram



3.3. Wireframes

Registration	Vetting	Search	Payment	Admin	Submitting Recipes	Forums
--------------	---------	--------	---------	-------	--------------------	--------

☒ Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

*Create User ID:

*Create new Password:

*Re-enter Password:

*Security Question 1:

Answer:

*Security Question 2:

Answer:

*Security Question 3:

Answer:

Save

User Id successfully created. Please check your email for further instructions to Login

Open New Account



User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

User ID:

Password:

Login

[Forgot User ID?](#)

[Forgot Password?](#)

Open New Account

User Log In

☒ Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

*First name:

*Last name:

DOB:

MM

DD

YYYY

Gender:

*Email address:

*Phone:

Address Line 1

Address Line 2

City

State

Country

Zip Code

Save

Next

Cancel

Open New Account

User Log In

Add Personal Details

☒ Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

* What type of Chef are you?

☐ Employed as a Chef

☐ Self-Employed as a Chef

☐ Freelancer Chef

☐ Retired Chef

☐ Current student at Culinary School

*Years of work experience as a Professional Chef?

Current Employment details:

*Employer / Business Name:

*Start Date:

MM YYYY

*End Date:

MM YYYY

☐ I am currently working here

*Title:

*Description:

*City:

*State:

*Country:

+ Add Employment Details

Open New Account

User Log In

Add Personal Details

☒ Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

*Are you a current student or a qualified / trained Chef from a culinary school?

☒ Yes

☐ No

*Culinary School Name:

*Start Date:

MM YYYY

*End Date:

MM YYYY

☐ Current Student

+ Add Education Details

Open New Account

Add Personal Details

☒ Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

List Culinary Awards / Accolades:

Awards / Accolades:

Dates:

MM DD YYYY

+ Add Awards / Accolades

List TV Food Channels / Media Publications where you have featured for your culinary skills:

Name of TV channel / Media Publication:

Dates:


MM DD YYYY

+ Add TV Channels / Media Publications

What are your cuisine specialties?

Specialties:

+ Add Specialties

Upload Resume: 

Please upload the Resume in either Word or PDF format.

Save

Next

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

☒ Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

☒ Billing address same as default address

Address Line 1

Address Line 2

City

State

Country

Zip Code

Payment details:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:

+ Add Payment details

Save

Submit

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience



Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

☐ Billing address same as default address

Address Line 1

20 Queen St.

Address Line 2

City

Jericho

State

NY

Country

US

Zip Code

11753

Payment details:

Name:

Credit Card #:

Credit Card Expiration date: MM YY YYYY YY

Credit Card CVV #:

+ Add Payment Details

Save

Submit

Cancel

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

ChefsWorld

Add Personal Details

Add Professional Experience

User Registration

Add Payment Details



Notify User

Update Personal Details

Update Professional Experience

Update Payment Details



Thanks for registering. For future reference, your application ID is #####. You have successfully completed the registration process. Your application is under review and final decision regarding User approval will be notified to you on your registered email within 5 business days. Your credit card will be charged only if your User registration is approved.

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience User Registration

Add Payment Details

Notify User

☒ Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

First name:

Last name:

DOB: MM DD YYYY

Gender:

Email address:

Phone:

Address Line 1

Address Line 2

City

State

Country

Zip Code

Edit

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

☒ Update Personal Details

Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

First name:

Last name:

DOB: MM DD YYYY

Gender:

Email address:

Phone:

Address Line 1

Address Line 2

City

State

Country

Zip Code

Save

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

* What type of Chef are you?

☐ Employed as a Chef

☐ Self-Employed as a Chef

☐ Freelancer Chef

☐ Retired Chef

☐ Current student at Culinary School

*Years of work experience as a Professional Chef?

Current Employment details:

*Employer / Business Name:

*Start Date:

MM YYYY

*End Date:

MM YYYY

☐ I am currently working here

*Title:

*Description:

*City:

*State:

*Country:

+ Add Employment Details

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

List Culinary Awards / Accolades:

Awards / Accolades:

Dates:

MM DD YYYY

+ Add Awards / Accolades

List TV Food Channels / Media Publications where you have featured for your culinary skills:

Name of TV channel / Media Publication:

Dates:


MM DD YYYY

+ Add TV Channels / Media Publications

What are your cuisine specialties?

Specialties:

+ Add Specialties

Upload Resume: 

Edit

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

List Culinary Awards / Accolades:

Awards / Accolades:

Dates:

MM DD YYYY

+ Add Awards / Accolades

List TV Food Channels / Media Publications where you have featured for your culinary skills:

Name of TV channel / Media Publication:

Dates:


MM DD YYYY

+ Add TV Channels / Media Publications

What are your cuisine specialties?

Specialties:

+ Add Specialties

Upload Resume: 

Edit

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

* What type of Chef are you?

☐ Employed as a Chef

☐ Self-Employed as a Chef

☐ Freelancer Chef

☐ Retired Chef

☐ Current student at Culinary School

*Years of work experience as a Professional Chef?

Current Employment details:

*Employer / Business Name:

*Start Date:

MM YYYY

*End Date:

MM YYYY

☐ I am currently working here

*Title:

*Description:

*City:

*State:

*Country:

+ Add Employment Details

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

*Are you a current student or a qualified / trained Chef from a culinary school?

Yes

No

*Culinary School Name:

*Start Date:

MM YYYY

*End Date:

MM YYYY

☐ Current Student

+ Add Education Details

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

☒ Update Professional Experience

Update Payment Details

ChefsWorld

User Registration

List Culinary Awards / Accolades:

Awards / Accolades:

Dates:

MM DD YYYY

+ Add Awards / Accolades

List TV Food Channels / Media Publications where you have featured for your culinary skills:

Name of TV channel / Media Publication:

Dates:


MM DD YYYY

+ Add TV Channels / Media Publications

What are your cuisine specialties?

Specialties:

+ Add Specialties

Upload Resume: 

Save

Cancel

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

☒ Update Payment Details

ChefsWorld

User Registration

☒ Billing address same as default address

Address Line 1

Address Line 2

City

State

Country

Zip Code

Payment details:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:



Edit

Cancel



Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

☒ Update Payment Details

ChefsWorld

User Registration

☒ Billing address same as default address

Address Line 1

Address Line 2

City

State

Country

Zip Code

Payment details:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:



Save

Cancel

Registration Vetting Search Payment Admin Submitting Recipes Forums

Open New Account

User Log In

Add Personal Details

Add Professional Experience User Registration

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

☒ Update Payment Details

ChefsWorld

☐ Billing address same as default address

Address Line 1
Address Line 2
City
State
Country
Zip Code

Payment details:

Name:
Credit Card #:
Credit Card Expiration date: MM YYYY
Credit Card CVV #:



Save

Next

Cancel

Open New Account

User Log In

Add Personal Details

Add Professional Experience

Add Payment Details

Notify User

Update Personal Details

Update Professional Experience

☒ Update Payment Details

ChefsWorld

User Registration

☒ Billing address same as default address

Address Line 1

Address Line 2

City

State

Country

Zip Code

Payment details:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:

Name:

Credit Card #:

Credit Card Expiration date: MM YYYY

Credit Card CVV #:



Save

Cancel

3.4. Use Cases

Open New Account (1.1)

Seq. #	User Action	System Action
1	User clicks Registration option from menu	System displays Registration menu
2	User clicks Open New Account item	System displays Open New Account form
3	User creates user ID by entering their email	System validates whether it is an existing user and if it is in valid email format
4	User creates a new password	System validates whether the password has at least 8 alphanumeric characters and 1 special character
5	User selects 3 unique special questions from the drop down list and answers those questions	System validates whether all 3 unique questions are selected and answered
6	User clicks the 'Save' button	System validates the entered data
7		System saves the entered data
8		System sends an email to the user with the 'Login Page' link
9		System displays a message on the screen asking User to check email for the Login Instructions
10	End use case	
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	

User Logs In (1.2)

Seq. #	User Action	System Action
1	User enters the user ID.	--
2	User enters password.	--
3	User clicks the 'Login' button.	System validates the Login and password credentials
4		System logs the user into the system
5	End use case	
3.1	User clicks the 'Forgot password?' link	System prompts the user to enter their user ID and an additional email address
3.2	User clicks the reset password link.	System sends a reset password link to the user via email

3.3	User enters new password.	--
3.4	User re-enters new password.	System validates whether the passwords match
3.5	User clicks the 'Forgot user ID?' link.	System prompts the user to enter a back up email address connected to the site
3.6		System sends the User ID via email
3.7		Action returns to line 1

Add Personal Details (1.3)

Seq. #	User Action	System Action
1	User enters First name.	--
2	User enters Last name.	--
3	User selects their birthday from the dropdown menu.	--
4	User selects their gender from the dropdown menu.	--
5	User enters their email address.	System validates if it is in valid email format
6	User enters their phone number.	System validates whether the number contains only positive integers and is 16 digit
7	User enters the address information	System validates the state and country fields
8	User clicks the save button	System validates the data
9		System saves the data
10		System enables the 'Next' button
11	End use case	
8.1	User has not entered all mandatory fields	System displays error message
8.2	User corrects data issues	--
8.3	Action returns to line 8	
8.4	User clicks the next button	System moves to the next page – 'Add Professional Experience'
8.5	User clicks the cancel button	System does not save the data on the page and deletes the data

Add Professional Experience (1.4)

Seq. #	User Action	System Action
1	User answers the the 'What type of chef are you?' question by selecting the radio buttons which applies to them	--

2	User selects the 'years of work experience as a Professional Chef?' from the dropdown menu	--
3	User goes to the Current Employment Section	--
4	User enters the Employer / Business Name	--
5	User selects their start date and end date	System validates whether the end date is greater than the start date and is equal to or less than the current date
6	User enters their Job Title	--
7	User enters the Job Description	System validates whether the description is less than 200 characters
8	User enters the address information of Employer / Business	System validates the city, state and country fields
9	User selects whether he / she is a current student or a qualified / trained Chef from a culinary school	System must not allow the user to enter any other data other than "Yes" or "No"
10	User selects "Yes"	If "Yes" is selected then, action moves to line 12.
11	User enters their Culinary school name.	--
12	User selects their start date and end date	System validates whether the end date is greater than the start date and not more than the current date if the checkbox is selected
13	User enters their Culinary Education details	--
14	User enters a list of Culinary Awards / Accolades if any and the corresponding dates	System validates whether the date entered is less than the current date
15	User enters a list of TV Channels / Media Publications where they featured for their culinary skills and the corresponding dates	System validates whether the date entered is less than the current date
16	User enters a list of cuisine specialties	System validates whether the date entered is less than the current date
17	User uploads their resume	System validates whether the uploaded file is in the preferred format (Word document or PDF)
18	User clicks the save button	System validates the data
19		System saves the data
20		System enables the 'Next' button
21	End use case	

3.1	User can enter multiple employment details by clicking the '+' sign	Action returns to line 4
5.1	User selects the 'I am currently working here' checkbox	System should remove the End date from the required fields.
10.1	User selects "No"	If "No" is selected, then action moves to line 14.
12.1	User selects the 'Current Student' checkbox	System should remove the End date from the required fields
13.1	User can enter multiple education details by clicking the '+' sign	Action returns to line 11
14.1	User can enter multiple Awards / Accolades by clicking the '+' sign	Action returns to line 13
15.1	User can enter multiple TV Channels / Media Publications by clicking the '+' sign	Action returns to line 14
16.1	User can enter multiple Cuisine Specialties by clicking the '+' sign	Action returns to line 15
18.1	User has not entered all mandatory fields	System displays error message
18.2	User corrects data issues	--
18.3	Action returns to line 17	
18.4	User clicks the next button	System moves to the next page – 'Add payment details'
18.5	User clicks the cancel button	System does not save the data on the page and deletes the data

Add Payment Details (1.5)

Seq. #	User Action	System Action
1	User selects whether their billing address is same as the default address	--
2	User enters credit card information	System validates the credit card information (Credit card #, Expiration date, CVV#)
3	User clicks the save button	System validates the data
4		System allows user to review and edit previously entered information by clicking on menu buttons for 'Add Personal Details' and 'Add Professional Experience'
5		System enables the submit button
6	User clicks the submit button	System completes registration process

7		System displays the notification page and auto generates an Application ID.
8	End use case	
1.1	User enters the address fields if billing address is different from the default address	System saves the data
1.2		Action returns to line 2
2.1	User can enter multiple credit cards by clicking the '+' sign	Action returns to line 2
3.1	User has not entered all mandatory fields	System displays error message
3.2	User corrects data issues	--
3.3	User clicks the cancel button	System does not save the data on the page and deletes the data

Update Personal Details (1.7)

Seq. #	User Action	System Action
1	User clicks Registration option from menu	System displays Registration menu
2	User clicks 'Update Personal Details' item	System displays user details from 'Add personal details' page
3	User clicks the Edit button	System displays First name and Last name as non-editable fields
4		System allows user to edit the editable fields
5	User updates necessary fields	System enables the save button
6	User clicks the save button	System validates the data
7		System saves the data
8		Action returns to home page
9	End use case	
3.1	User clicks the cancel button	Action returns to home page
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	
6.1	User clicks the cancel button	Action returns to home page

Update Professional Experience

Seq. #	User Action	System Action
1	User clicks Registration option from menu	System displays Registration menu

2	User clicks 'Update Professional Experience' item	System displays user details from 'Add Professional Experience' page.
3	User clicks the Edit button	System displays all fields as editable fields.
4	User updates necessary fields	System enables the save button
5	User can enter multiple employment details by clicking the '+' sign	Action returns to line 4 of 'Add Professional Experience' use case
6	User can enter multiple education details by clicking the '+' sign	Action returns to line 11 of 'Add Professional Experience' use case
7	User can enter multiple Awards / Accolades by clicking the '+' sign	Action returns to line 13 of 'Add Professional Experience' use case
8	User can enter multiple TV Channels / Media Publications by clicking the '+' sign	Action returns to line 14 of 'Add Professional Experience' use case
9	User can enter multiple Cuisine Specialties by clicking the '+' sign	Action returns to line 15 of 'Add Professional Experience' use case
10	User can upload a new resume	Action returns to line 16 of 'Add Professional Experience' use case
11	User clicks the save button	System validates the data
12		System saves the data
13	End use case	
3.1	User clicks the cancel button	Action returns to home page
11.1	User has not entered all mandatory fields	System displays error message
11.2	User corrects data issues	--
11.3	Action returns to line 11	
11.4	User clicks the cancel button	Action returns to home page

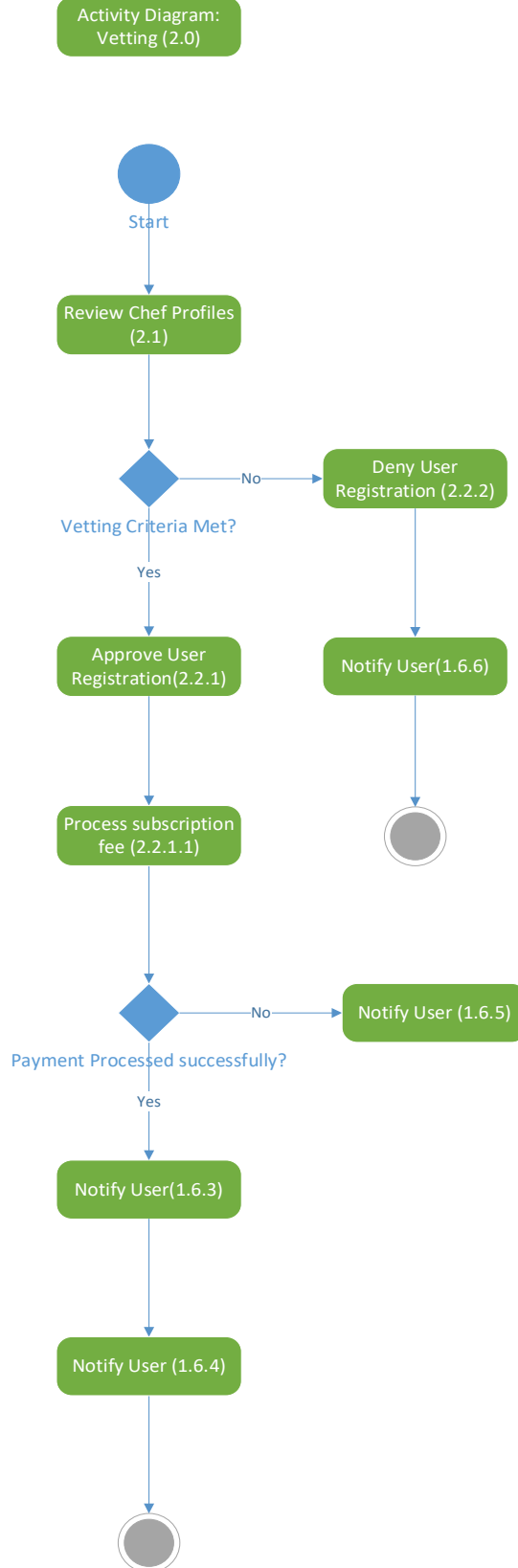
Update Payment Details (1.9)

Seq. #	User Action	System Action
1	User clicks Registration option from menu	System displays Registration menu
2	User clicks 'Update Payment Details' item	System displays user details from 'Add Payment Details' page
3	User clicks the Edit button	System displays all fields as editable fields
3	User updates necessary fields	System enables the save button
4	User can enter multiple credit cards by clicking the '+' sign	Action returns to line 2 of 'Add Payment Details' use case
5	User clicks the save button	System validates the data
6		System saves the data
7	End use case	

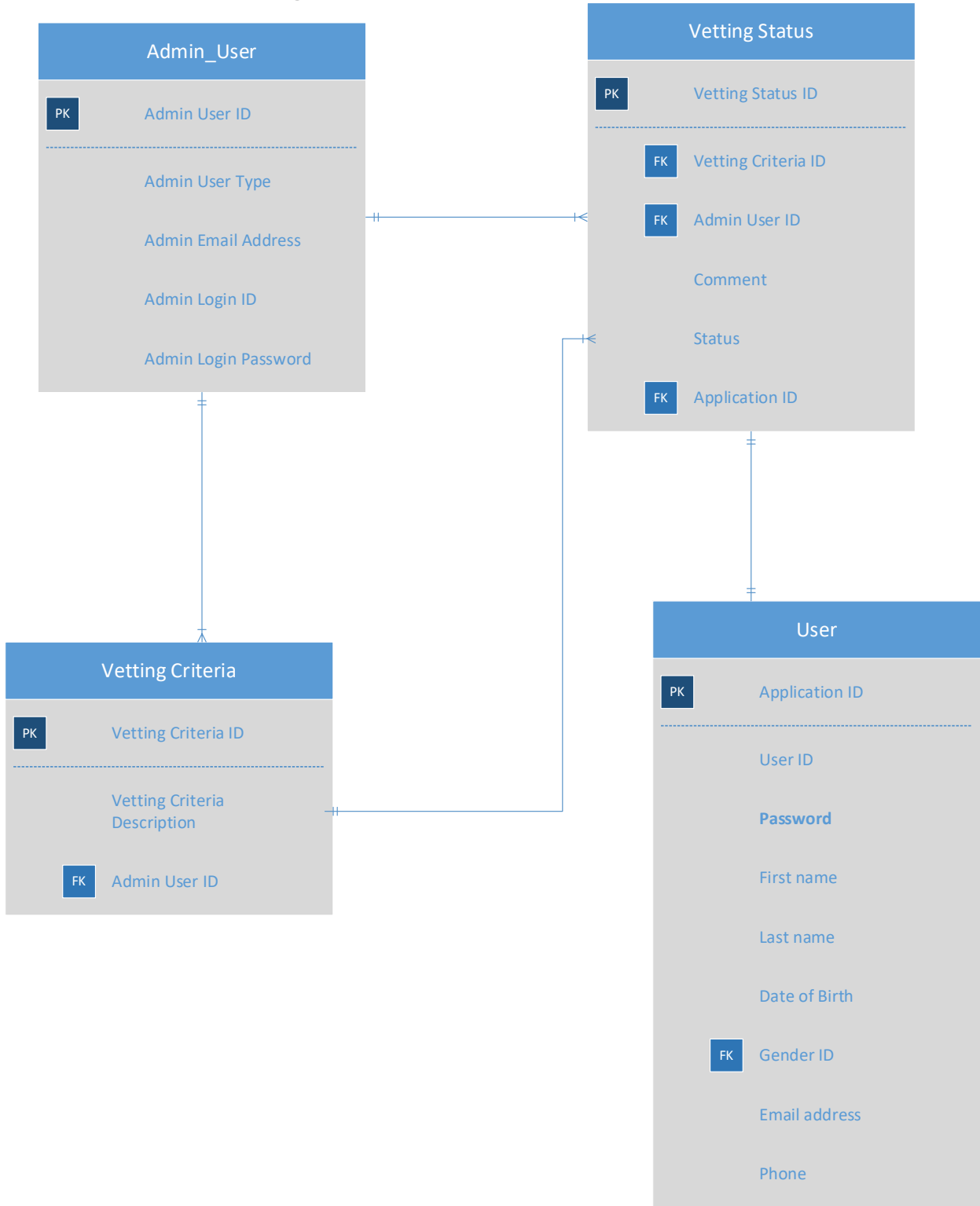
2.1	User clicks the cancel button	Action returns to home page
5.1	User has not entered all mandatory fields	System displays error message
5.2	User corrects data issues	--
5.3	Action returns to line 5	
5.4	User clicks the cancel button	Action returns to home page

4. Vetting Function (2.0)

4.1. Process Flow Diagram



4.2. Data Model Diagram



4.3. Wireframes

RegistrationVettingSearchPaymentAdminSubmitting RecipesForums

☒

Review Chef Profiles

Approve / Deny

Notify User

ChefsWorld

Vetting Applicants

Vetting Status: ☒New Applicant☒Pending Payment

Sl	Application ID	User Name	Type of Chef	Years of Experience	Trained Chef / Student	Vetting Status
1	000001	Steve Rogers	Employed as Chef	5	Yes	
2	000002	Tony Stark	Freelancer	1	No	
3	000003	Clint Barton	Freelancer	4	No	
4	000004	Bobby Axelrod	Self-employed as Chef	5	Yes	Pending Payment
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Fast forward to last page

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	Review Chef Profiles
<input checked="" type="checkbox"/>	Approve / Deny
	Notify User

ChefsWorld

Vetting Applicant – Approve / Deny Decision

User Name:

Steve Rogers

Application ID:

[000001](#)

Vetting Criteria:

- ☒ 1. Currently employed as a Professional Chef.
- ☐ 2. Self – employed as a chef at a Hotel / Restaurant.
- ☐ 3. Freelancer with more than 5 years of experience as a Professional Chef.
- ☐ 4. Trained Chef from Culinary School.
- ☐ 5. Current Student pursuing education to be a Chef.
- ☐ 6. Retired Chef with more than 5 years of experience as a Professional Chef.
- ☐ 7. Does not meet vetting criteria.
- ☐ 8. Does not meet vetting criteria yet approved.

+ Add Approval Criteria

Vetting Decision:

Review Resume:

 Steve Rogers Resume.pdf

[Review User Application](#)

☒ Review Chef Profiles

☐ Approve / Deny

☐ Notify User

ChefsWorld

Vetting Applicants

Vetting Status: ☒ [New Applicant](#) ☒ [Pending Payment](#)

SI	Application ID	User Name	Type of Chef	Years of Experience	Trained Chef / Student	Vetting Status
1	000001	Steve Rogers	Employed as Chef	5	Yes	Approved
2	000002	Tony Stark	Freelancer	1	No	
3	000003	Clint Barton	Freelancer	4	No	
4	000004	Bobby Axelrod	Self-employed as Chef	5	Yes	Pending Payment
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Fast forward to last page

Review Chef Profiles

Approve / Deny

☒ Notify User

ChefsWorld

Vetting – Notify Applicant

Payment for Application ID – 000001 has been successfully processed. Steve Rogers has been approved as a registered User of ChefsWorld. Confirmation email with welcome instructions has been sent to the newly approved User on his / her registered email.

	Review Chef Profiles
<input checked="" type="checkbox"/>	Approve / Deny
	Notify User

ChefsWorld

Vetting Applicant – Approve / Deny Decision

User Name:

Tony Stark

Application ID:

[000002](#)

Vetting Criteria:

- ☐ 1. Currently employed as a Professional Chef.
- ☐ 2. Self – employed as a chef at a Hotel / Restaurant.
- ☐ 3. Freelancer with more than 5 years of experience as a Professional Chef.
- ☐ 4. Trained Chef from Culinary School.
- ☐ 5. Current Student pursuing education to be a Chef.
- ☐ 6. Retired Chef with more than 5 years of experience as a Professional Chef.
- ☒ 7. Does not meet vetting criteria.
- ☐ 8. Does not meet vetting criteria yet approved.

+ Add Approval Criteria

Vetting Decision:

Review Resume:

 Tony Stark Resume.pdf

[Review User Application](#)

☒ Review Chef Profiles

ChefsWorld

Vetting Applicants

Vetting Status:
 ☒ [New Applicant](#)
☒ [Pending Payment](#)

SI	Application ID	User Name	Type of Chef	Years of Experience	Trained Chef / Student	Vetting Status
1	000001	Steve Rogers	Employed as Chef	5	Yes	Approved
2	000002	Tony Stark	Freelancer	1	No	Denied
3	000003	Clint Barton	Freelancer	4	No	
4	000004	Bobby Axelrod	Self-employed as Chef	5	Yes	Pending Payment
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Fast forward to last page

Review Chef Profiles

Approve / Deny

☒ Notify User

ChefsWorld

Vetting – Notify Applicant

Tony Stark has been denied registration to ChefsWorld. An email has been sent to the user intimating requirements to be fulfilled before reapplying to become a registered User of ChefsWorld.

	Review Chef Profiles
<input checked="" type="checkbox"/>	Approve / Deny
	Notify User

ChefsWorld

Vetting Applicant – Approve / Deny Decision

User Name:

Clint Barton

Application ID:

[000003](#)

Vetting Criteria:

- ☐ 1. Currently employed as a Professional Chef.
- ☐ 2. Self – employed as a chef at a Hotel / Restaurant.
- ☐ 3. Freelancer with more than 5 years of experience as a Professional Chef.
- ☐ 4. Trained Chef from Culinary School.
- ☐ 5. Current Student pursuing education to be a Chef.
- ☐ 6. Retired Chef with more than 5 years of experience as a Professional Chef.
- ☐ 7. Does not meet vetting criteria.
- ☒ 8. Does not meet vetting criteria yet approved.

Reason for approval:

Though, Clint Barton doesn't meet the vetting criteria. He has trained with Nick Fury, one of the highest rated celebrity chefs in the world, over the past 4 years as a Freelancer. As a result, he has been granted special approval.

+ Add Approval Criteria

Review Resume:

 Clint Barton Resume.pdf

Vetting Decision:

Approve

Review next applicant

[Review User Application](#)

☒ Review Chef Profiles

☐ Approve / Deny

☐ Notify User

ChefsWorld

Vetting Applicants

Vetting Status:
 ☒ [New Applicant](#)
☒ [Pending Payment](#)

SI	Application ID	User Name	Type of Chef	Years of Experience	Trained Chef / Student	Vetting Status
1	000001	Steve Rogers	Employed as Chef	5	Yes	Approved
2	000002	Tony Stark	Freelancer	1	No	Denied
3	000003	Clint Barton	Freelancer	4	No	Pending Payment
4	000004	Bobby Axelrod	Self-employed as Chef	5	Yes	Pending Payment
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Fast forward to last page

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Review Chef Profiles

Approve / Deny

☒ Notify User

ChefsWorld

Vetting – Notify Applicant

Clint Barton has met user vetting criteria but new User's subscription payment could not be processed. An email has been sent to the user asking him to 'Update Payment Details'. Once payment is processed, status will be updated from 'Pending Payment' to 'Approved' and a welcome email will be sent to the new User.

4.4. Use Cases

Review Chef Profiles (2.1)

Seq. #	User Action	System Action
1	User clicks Vetting option from menu	System displays Vetting menu
2	User clicks Review Chef Profiles menu item	System displays a list of applicants, showing 10 applicants per page, who have successfully submitted their application for subscribing to ChefsWorld as a registered User
3		System displays a list of applicants whose vetting status is 'New Applicant' or 'Pending Payment'
4	User clicks on hyperlinked Application ID of the applicant to be vetted	System displays the 'Vetting Applicant – Approve / Deny Decision' page.
5	End use case	

Approve / Deny (2.2)

Seq. #	User Action	System Action
1	User selects the applicable vetting criteria radio button	System displays 'Approve' button for all selection criteria except criteria #7 (Does not meet vetting criteria)
2	User clicks document icon to review applicant's resume.	System will display the resume of the candidate
3	User clicks the hyperlink 'Review User Application' to review registration information submitted by the applicant.	System displays the contents of Applicant's registration application.
4	User clicks on the Vetting Decision button	System processes the payment for registered user subscription fee
5		System notifies Approve / Deny registration decision to the applicant [Notify User (1.6)]
6		System updates the vetting status of the candidate for whom User has taken the vetting decision
7	User clicks Review next applicant button	Action returns to 'Vetting Applicants' page
8		System displays the updated vetting status of recently vetted applicant

9	End use case	
1.1	User selects Criteria #7 (Does not meet vetting criteria)	System displays 'Deny' Vetting Decision button
1.2	User selects Criteria #8 (Does not meet vetting criteria yet approved)	System displays a mandatory field for criteria override
1.3	User enters the rationale for Approved Vetting Criteria override	--
1.4	Action returns to line 2	
4.1		If payment for subscription fee is not processed, then the system will update Vetting Status to 'Pending Payment'
4.2		System notifies the applicant to 'Update Payment Details' under Registration Menu [Update Payment Details (1.9)]
4.3	Applicant updates payment details in Registration menu	System processes the payment of subscription fee
4.4		Once payment is processed system updates Vetting Status from 'Pending Payment' to 'Approved'
4.5		Action returns to line 5