CollegeChef

Phase 2
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Addressing Phase 1 Feedback:

Build your application incrementally and pace yourself. Your project sounds great! =D Good Luck
Thanks!

Requirement are comprehensive, but it's not clear which ones are available to end-users, and which ones are for admin.
We will tag our requirements to make it clear this time. We will use the following tags:
[Non-User Only] only accessible by people who haven't logged in or don't have an account
[Logged In Only] only accessible by Users or Admins
[Admin Only] only accessible by Admins

In addition to appealing front end, the search feature should be very powerful, with "and", "or", "not" combination of ingredients.
Currently we only support "and". We will check in later phases to see if we can implement "or" and "not" and update UI to support it.

Rating of recipes are also very important.
Yes, users will be able to rate recipes in Recipe View page.

Symbols like if a recipe is hot, vegan, etc. would help too.
We have meal type like "Main Dish", "Breakfast', "Dessert" etc for each recipe. To add features like "hot", "vegan", or even things like "contains peanuts", we might need to think about a way to add multiple tags for recipes. Added this as a requirement already but we may not implement within the semester.

Add a logo to your front-end as well. Responsive design, and support of at least two browsers are a must.
We added a logo next to the website name in our front-end. It's also displayed in browser tab icon (favicon). It can also be seen in the sign up and login forms. The site also supports both Chrome and Firefox at minimum.

Feedback page seems to be an extra.
Feedback page was a simple form popup so it was no trouble to add.

Try Google Image API for the ingredients.
We will try to use it in later phase. Currently it's easier to add the img on our own because there isn't much elements for demo.

Suggest implementing reCAPTCHA.
Has been added as a requirement. We will try to implement within the semester.

Recipe page missing meal type.
Meal type has been added.

Project Description:

CollegeChef is a web app that allows a user to search for recipes that contain only ingredients that the user specifies. A user who has limited ingredients at home can enter them into the search bar and receive recipes that can be made without any additional ingredients. Users can also search directly for a recipe or browse for one from our recipe database. Recipes can be submitted by users and can be rated, as well as discussed in the comment section.

Features and Requirements:

Backend Details (4)

- Two account levels: Admin, User
- Only user accounts can be created through the web site
- Passwords are hashed and salted
- Form validation (checks if passwords match and that fields are filled in correctly)

Navigation Bar (6)

- At the top of all web pages
- Contains name of the web page
- Horizontally expanding/collapsible menu containing links to homepage, recipe browser, user page **[Logged In Only]** and sign out **[Logged In Only]**
- Notification button to show recent notifications
- **[Non-User Only]** Login button that links to the login page
- **[Non-User Only]** Sign-up button that links to the sign-up page

Sign Up Dialog (1) [Non-User Only]

- Users can create an account with required fields for username, password, 'repeat password' and an optional email address field

Login Dialog (5) [Non-User Only]

- Users and admins can login with correct username and password
- Contains reCAPTCHA box to confirm user is human

- Contains two buttons so users can instead login with their google or facebook accounts using oAuth
- Contains a 'forgot password' button that takes in email address from user and send the password reset link to the given email address
- Contains remember me checkbox so users can opt to have their login remembered such that they do not have to login every time they visit the website

Home Page (14)

- Left pane: search section to search recipes by ingredients
- A search bar to filter ingredients by name (ingredients that doesn't match the search text will be hidden temporarily)
- Ingredient buttons are selectable and will be pinned and excluded from the search bar filter (won't be hidden) once selected
- Can add a "wild card" that is treated as any possible ingredient in order to add additional recipe options for the user
- Can view a random recipe by clicking the recipe randomizer button
- Recipe search results will be added to right side of homepage as a new recipe list
- **[Logged In Only]** Can name added search result list and save it
- Right pane: recipe dashboard contains different list of recipes
- **[Logged In Only]** Can view recently viewed recipes
- Can view newly added recipes
- Can view hot recipes (recipes with most comments)
- Can view remarkable recipes (recipes with the highest rates)
- **[Logged In Only]** Can view their favorite recipes (if logged in)
- All recipe lists are expandable and collapsible

Recipe Browser (8)

- List of all recipes in database
- Can browse by first letter of recipe name
- Can browse by meal type
- Can search directly for recipes by name
- Can search by username to find recipes created by that user
- Displays name, image and short description for each recipe
- **[Admin Only]** Admins can delete recipes here
- **[Admin Only]** Admins can edit recipes here

Recipe View Page (14)

- Page containing the details of a particular recipe (recipe name and category, recipe photo, description, necessary ingredients with quantity, number of servings, cooking instructions)

- Displays images of the recipe and ingredients
- Displays tags like "hot", "vegan", "contains peanut" for recipes
- Page may show optional tips and suggestions (e.g. recipe conforms with some dietary restrictions)
- **[Logged In Only]** Can rate and favourite recipes
- **[Logged In Only]** Can upload pictures or post a text in comments
- Displays the user who most recently modified the recipe and the date/time of modification
- **[Logged In Only]** Can like others' comments
- **[Logged In Only]** Can have a 'shopping list' of the ingredients sent to their email address
- Can share the recipe through social media or email
- A print button to print the recipe for ease of access
- **[Logged In Only]** Can reply to others' comments
- **[Logged In Only]** Can mention/tag other users in comments
- **[Logged In Only]** Can follow other users by clicking on their account picture/username

User Page (13) [Logged In Only]

- Users can edit their profile information and will be taken to Edit Profile Dialog to do so
- Users can update their password and will be taken to the Password Reset Dialog to do so
- Users can view recipes that they uploaded
- Users can add new recipes and will be taken to the Add Recipe Dialog to do so
- Users can enable/disable email notifications corresponding to items specified in notification section
- Users can view all notifications they have received.
- Users can view their list of followers
- Users can view the list of users they follow
- Users can send and view messages from other users
- **[Admin Only]** Admins can view user list
- **[Admin Only]** Admins can delete accounts
- **[Admin Only]** Admins can view all recipes and delete recipes
- **[Admin Only]** Admins can promote users to admin with approval of more than half the existing admins

Add/Edit a Recipe Dialog(4) [Logged In Only]

- Required form fields: recipe name and category, recipe photo, description, necessary ingredients with quantity, number of servings, cooking instructions
- Optional form fields: Additional tips or suggestions
- Add additional tags "hot" "vegan" "peanuts" etc for recipes
- **[Admin Only]** Admins can import recipes from files

Edit Profile Dialog (3) [Logged In Only]

- Users can add or update their notification email and description
- Users can upload their profile photos by entering photo url
- Users cannot edit their user name

Password Reset Dialog (4) [Logged In Only]

- It requires users to input old password for verification
- It requires users to enter new password twice for checking
- If accessed from forgot password link, it does not require the user to verify old password
- Show password strength

Notifications (7) [Logged In Only]

- Notifications are sent to the navigation bar and users' email address (if they enable it)
- Users can receive notifications when their recipes are rated/commented on
- Users can receive notifications when their recipes are modified
- Users can receive notifications when the users they follow upload new recipes
- Users can receive notifications when their favourite recipes have been modified
- Users can receive notifications when they are mentioned by others in comments or when someone has replied to their comments
- Users can receive notifications when they receive a message from another user

Footer (2)

- At the bottom of each page
- Contains links to about us page and feedback form

About Us Page (1)

- Contains a description of the site and of its creators

Feedback Form (2)

- Can send feedback (suggestions/complaints) or questions to admins
- Form with a required field to give feedback or ask a question, an optional name field and an optional email address field if they would like a response