CollegeChef

Phase 4

Team: Sean Carroll, Tanay Onder, Huimin (Cinny) Cao, Xiaohan (Becky) Zhou

: feature that is marked as green and is finished

: feature that is marked as green but is removed later

🎀 : feature that is marked as red and is finished

: feature that is newly added

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 (7)

- 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 ✓
- [User Only] Add recipe button to add a new recipe

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 (21)

- 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
- Can search for recipes that contains ingredients selected
- Can search for recipes that do not contain ingredients selected
- Can search for recipes that are made of only the recipes selected
- 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)
- Show avg rating or num of comments
- [Logged In Only] Can view their favorite recipes (if logged in)
- [Logged In Only] Can unfavorite favorite recipe directly in home page

- [Logged In Only] Can view their uploaded recipe
- [Logged In Only] Can delete or modify uploaded recipe directly in home page
- 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 (19)

- 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
- Can see all rating records of this recipe
- Can see average rating of the recipe ^{‡‡}
- Average rating is updated dynamically without refreshing page when user updates his rating
- [Logged In Only] Can upload pictures or post a text in comments
- Uploaded pictures can be viewed in an album format with < and > button to navigate around

- Show the total amount of text comments and uploaded pictures
- 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 (16) [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
- Users can view recipes that they uploaded (Moved to home page)
- Users can add new recipes and will be taken to the Add Recipe Dialog to do so
 (Moved to navigation bar)
- Users can enable/disable email notifications corresponding to items specified in notification section (feature removed, change to actions history)
- Users can view all notifications they have received.
 ✓ (Changed notifications to actions)
- Users can filter actions by choose file type and action type.



- 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 modify and delete accounts¹
- [Admin Only] Admins can modify all recipes and delete recipes

 ✓ (Moved to recipe browser)
- [Admin Only] Admins can promote users to admin with approval of more than half the existing admins
- [Admin Only] Admins can view a list of submitted feedback



[Admin Only] Admins can add a new user



Add/Edit a Recipe Dialog(5) [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
- UI code to prevent users from choosing duplicate ingredients
- 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
 ✓ (changed to by uploading files)
- 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] (Change to actions)

• 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/favorite by other users
- 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/deleted

- 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