Features

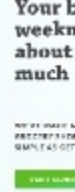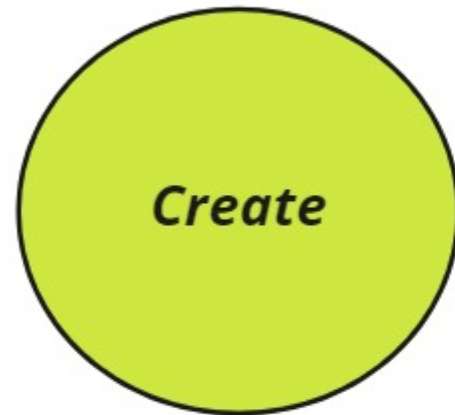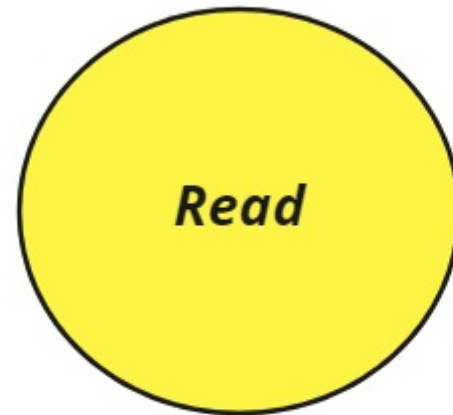| Color key:	CREATE	READ	UPDATE	DELETE	UNDEFINED	
Favorite recipes:	Save favorite recipes	Delete from favorite recipes	Follow other users to see their creations			
Recipe view:	Step-by-step / cooking mode (zoom in on steps)	Labels/tags (Maybe have recipes be "objects" and tags are attributes)	Cost option ($,$$,$$$)	can cross out steps that have been completed/highlight current step	Present a demonstration picture in each step	
Modifying Recipes:	Start a new recipe and publish it (private or public mode)	Edit an old recipe that your user created (draft gets saved)	Delete a recipe that your user created	Create a joint recipe album with your friends or group		
Rating Recipes:	Update recipes based on rating	Create different rating based on accessibility, taste, monetary cost, etc...	Recipes that receive too many negative reviews can be deleted?	can share recipe/results to social media sites	Maybe it's too unrealistic to rate recipes, since users have different tastes?	
Search/Explore:	List items with highest average ratings first	Search by tags	Tab with all of your own recipes	Tab with all liked recipes (or previously used recipes?)	difficulty, meal, occasion, diet, cuisine, dish-style, ingredient	
	Add recipes to a calendar for meal planning	Maybe tags should include origin of the recipe, taste (e,g, sweet), method (e,g, fried)				

miro

Common Box

- lots of products
- cutting/prime systems
- recipe samping auto-scroll
- search box
- save recipes
- share recipes (usually link)
- lists prep & cook time
- login system (lots of support for external log-ins, Google, Facebook)

Delish

- Has video tutorial for each meal
- Interesting sections such as: Food news, Food trends
- Clean Layout
- search meal by ingredient

Spoonacular

- Instead of a website, it is an API that allows you to access with database
- the ingredients and amount of each are listed specifically
- Also shows the price of each ingredient and so the whole price
- Also shows the nutrition for each meal

Mealime

- Seems to be more centered around mobile apps
- Recipe tab has a lot of photos and you can search for keywords that bring up recipes
- Based on healthy eating so you can sort recipes by diets

Create

Add a recipe to the cookbook, add recipe to saved favorites

Read

Search for recipes and read them (ingedients, procedure)

Update

Edit previously written recipes, add review to another recipe
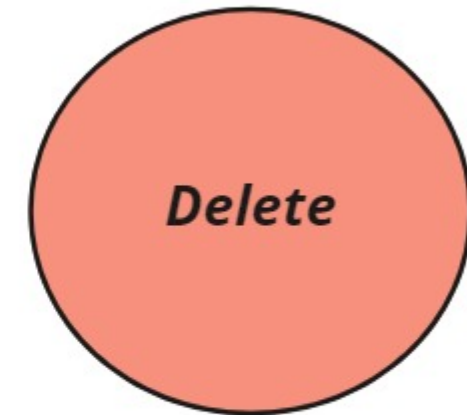
Delete

Delete previously written recipes, delete reviews/ratings, delete saved recipes

References
https://budibase.com/blog/crud-app/

miro

Grandma Laura
- Has poor eyesight
- Wants to learn to cook new things and record her classic recipes to share with grandkids
- Not familiar with technology
- Lots of home cooking experience
- Lots of time as a retired person

Soccer Mom Laura
- Has 3 kids and is always driving them around
- Wants to cook fast and nutritious meals for her family, meal-prep
- Uses a smartphone regularly, but still takes a bit to learn a new app
- Little to average cooking skill
- Not much time, always on the go

The Broke College Student
- Is broke but still wants to eat healthy
- Can't afford to eat out every day and wants to cook nutritious meals with a good balance of veggies, meats, etc...
- Little to no cooking experience, lacks kitchenware as well
- CS major

The Stay at Home Mom/Dad
- Stays at home and has to cook for their family
- Has some time but not a ton to make different dishes
- Wants to make classics that their family can enjoy
- Wants to cook food from different cuisines to keep things fresh

Poor College Student
- Want to try different dishes
- Want to eat healthy
- Live far from markets and doesn't drive
- Busy studying and doesn't have time go shopping
- Prefer fresh but affordable ingredients
- Prefer delivery

Michelin Star Chef Laura
- Has been cooking since she was a kid
- Only knows her moms recipes, but wants to learn more from different cuisines
- Aspires to be a professional chef one day
- Has plenty of time and all the kitchenware needed

Ben the beginner Baker
- Has a massive sweet tooth and is tired of having to by goodies
- Quick, tasty baking recipes
- Visual learner, has trouble following written directions

Allergy Ally
- Has allergies to almost every food ingredient but still wants to cook very popular meals for her friends.
- Would like to have only recipes that cater to her allergies
- Preferably low budget, tasty meals
- Easy to follow directions

Related: The Cooking "Noob"
- Super new to cooking and wants to give it a shot.
- May (or may not) have a limited budget
- Wants access to a list of fundamental recipes that they can master
- Probably wants to learn their favorite food too

Robust Kevin
- A beginner for fitness
- Trying to calculate calorie for every food
- Only want to eat healthy. Low calorie is the ultimate goal but at the same time want food to be delicious
- Want learn something easier first
- Have no idea of how to eat healthy. Would like to know how to eat and what to eat.

Experimental Emily
- Loves to create new recipes often
- Wants a place to store/manage all her recipes (It's messy to keep adding pages to physical book)
- Will keep updating recipes over time to perfect them.
- Wants to keep some recipes private until they are finished as she is competitive and wants the highest ratings.

Follower Frank
- Enjoys following other peoples recipes
- If he likes Emily's food he will recreate all her dishes
- Needs the ability to see when emily posts new recipes
- (this recipe app becomes more like a social media app for food)

Commuter College Student
- Cooks their meals at home and packs their meal for campus.
- can only utilize the ingredients available at home because their parents does the grocery shopping
- Extremely packed schedule, especially with needing to commute for 1 hr to school
- needs recipes that are quick, easy and plentiful.

Intermediate chef
- Has always been decent at cooking, but would like to elevate their cooking skills by cooking more intricate meals
- Budget is not a worry for them because they have a well paying job
- In their mid-20s
- Cooks for them and their significant other.
- doesn't have a car, but has access to public transportation
- Wants to connect with other aspiring chefs and to share results with friends.

miro

Physical Cookbooks

- Easy to flip through
- (If on same page), easy to look at while cooking
- Hard to share recipes
- Hard to convert serving sizes/measurements
- Hard to update/edit recipes (in some cases impossible)
- Has a limit on how many can be produced
- East of access in terms of buying from store, waiting for shipment, etc...

Both Cookbooks

- Can present recipes in an organized, understandable, concise, and engaging way

Digital Cookbooks

- Hard to interact with while cooking (need to scroll with dirty hands)
- More visual (pictures, video)
- Can adjust/convert measurements and serving size
- Easy to share recipes
- Easy to share ingredient lists
- Easier to search by category/specific food item
- Instant access
- Can be edited any time and more recipes can be added
- No limit as it is digital

miro