Powered By Plants Schema

A web app that helps vegan athletes find high-protien recipes (it's not hard, because plants have protien!)

Depending on how much time I have, I've come up with three different versions of the app. The versions build on eachother (version 1 is the base, version 2 adds to it, version 3 adds to version 2)

external API: **Spoonacular**   search endpoint: **https://api.spoonacular.com/recipes/complexSearch**

Version 1 The simplest version of the app just has a many to many relationship between users and recipes defined by the favorite recipes table.

Users can search for recipes, and can save favorite recipes.

Users				
id	first_name	last_name	username	password
1	Ann	Hathaway	annway	******
2	Donald	Duck	dDog	******
3	Marco	Polo	MarcoP	******
4	Sandra	Dee	Sandy	******

Recipes (info incl id from external API)			
id	title	image	protien
1	Kidney Bean Salad	www.beansalad.jpg	25
2	Coffee Protien Shake	www.coffeshake.jpg	20
3	Tempeh Tacos	www.taco.jpg	24
4	Quinoa Mexi Soup	www.soup.jpg	30
5	Tofu Wraps	www.tofu.jpg	22

Favorites		
id	user_id	recipe_id
1	1	1
2	1	2
3	2	3
4	3	1
5	3	3
6	4	3
7	4	4

Version 2 Version 2 has the above tables, but it also has recipe folders. Each user automatically has a favorites folder.

The folders have a many to many relationship with the recipe table as described by the folder_recipe table

Folder		
id	user_id	folder_name
1	1	breakfast
2	1	lunch
3	1	favorites
4	2	quick_and_easy
5	2	favorites
6	3	favorites
7	4	favorites
8	5	favorites

Saved_Recipes		
id	folder_id	recipe_id
1	1	2
2	2	1
3	2	5
4	3	1
5	3	2
6	4	1
7	4	1
8	5	3
9	6	1
10	6	3
11	7	3
12	7	4

Version 3 Version 3 has the above tables, as well as meal plans

---Not sure how this will work yet, but I'm interested in exploring Spoonacular's meal-planning API---

Meal_Plan		
id	user_id	plan_name

Plan_Recipe		
id	plan_id	recipe_id