

COLLEGE OF SCIENCE & ENGINEERING

About Easy Bites

"Easy Bites" will change how college students transition from dorm life to off-campus housing by making cooking simple, budget-friendly, and accessible to all. We aim to create an app that caters to this user group's unique needs and challenges, making their culinary journey a delightful experience.



"Easy Bites" will not only simplify cooking but also promote independence, creativity, and healthy eating among college students, setting them up for success as they move off-campus.

Download our App!

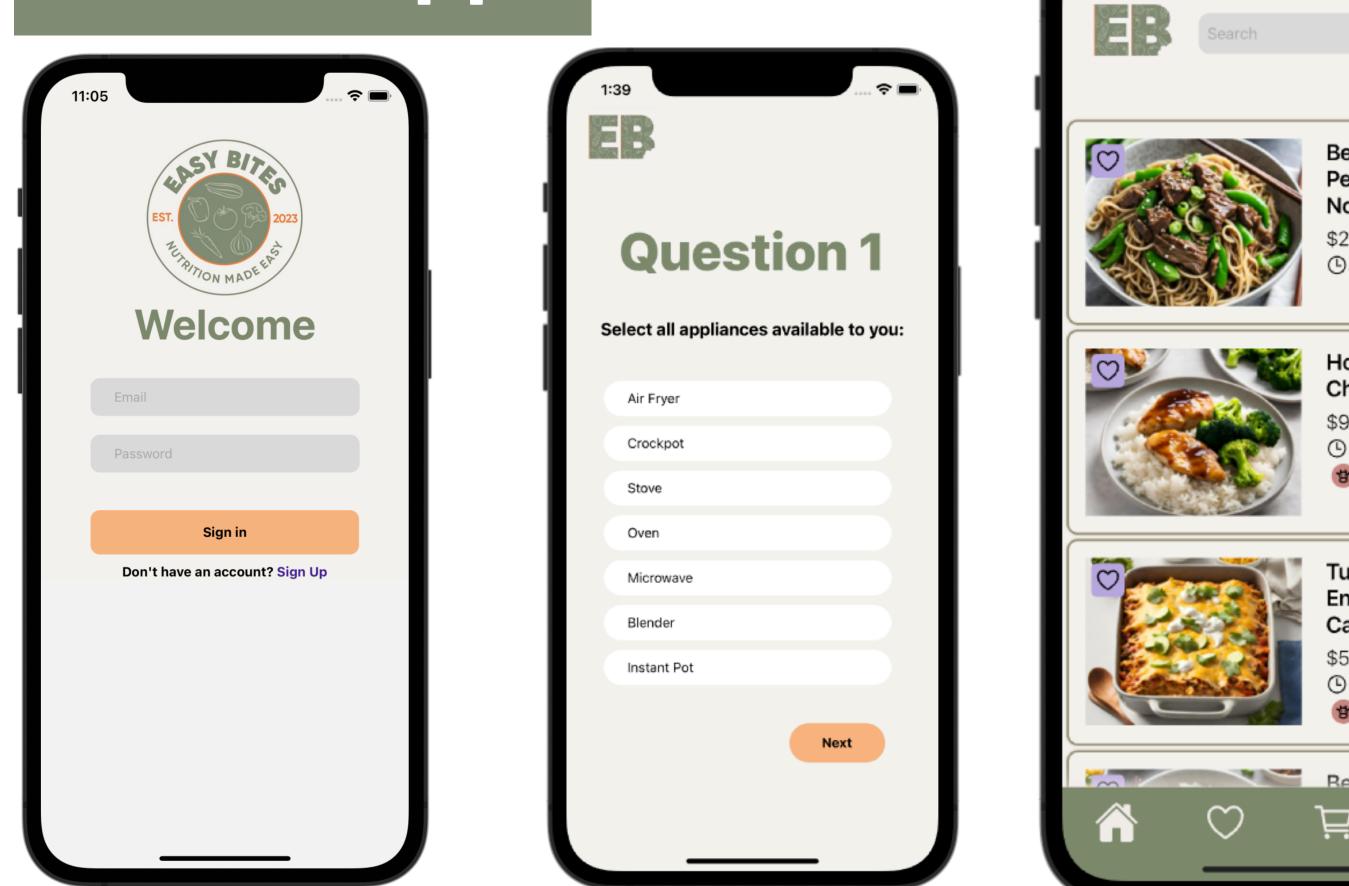
Ask us about how to download our app!



Admin Portal

→ C 😁 easy-bites-tcu.vercel.ap	op/AllRecipes		ୟ ବ ☆ ଥି ₹ I (A)
	All Recipe Table		
	Search by title		
All Recipes			
My Recipes	Title	Status	Recipe Owner
Add Recipe	Beef Snap Peas Garlic Noodles	approved	khanh.an.nguyen@tcu.edu
	Taco Bowl	approved	maci.jones@tcu.edu
Ianage Students	Fish Sauce Glazed Chicken Wings	pending	khanh.an.nguyen@tcu.edu
	TEST - Tofu Pad Thai	pending	paige.anderson@tcu.edu
	Taco Spaghetti	pending	khanh.an.nguyen@tcu.edu
	Chickpea Salad	approved	m.loritz@tcu.edu
	Beef Tacos	approved	megan.mcgeary@tcu.edu
	Shrimp Tacos	approved	megan.mcgeary@tcu.edu
	Pork Rice Bowl	approved	khanh.an.nguyen@tcu.edu
	Snap Peas Carrots Garlic Noodles	approved	khanh.an.nguyen@tcu.edu

Mobile App





Authors: Annalise Gadbois, Eriife Aiyepeku, Francisco Alarcon, Paige Anderson, RC Reynolds Advisor: Dr. Bingyang Wei

Why Easy Bites?

TCU college students face challenges related to meals and food preparation as they transition from dorms to off-campus housing. These students typically have limited cooking equipment, and manage dietary restrictions. Moreover, they contend with time constraints and financial concerns, further complicating their ability to prepare well-rounded meals.



This situation has resulted in the pressing need for a solution like Easy Bites to improve their culinary experience.

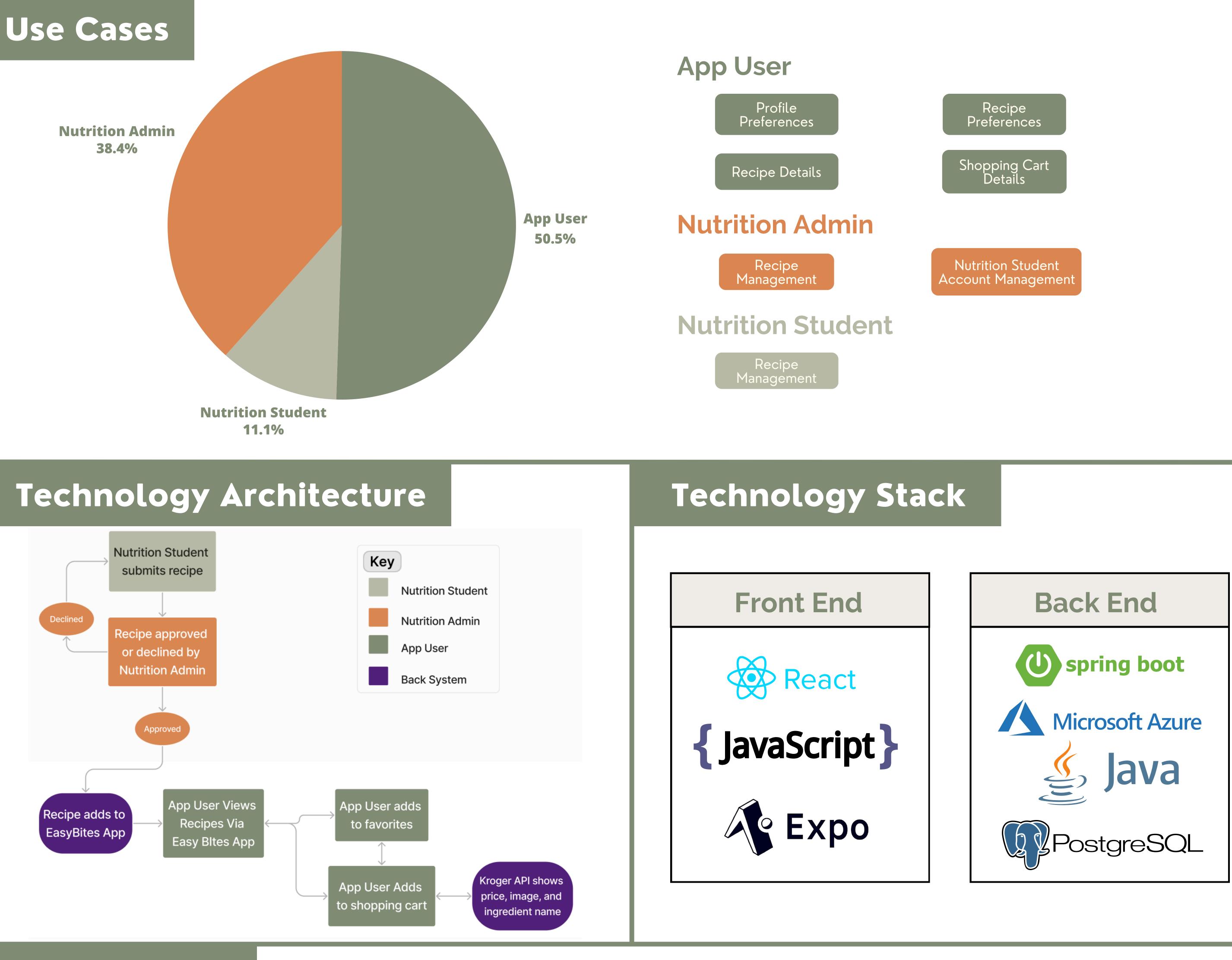
Challenges

Navigating New Terrain in App Development **Confirming Client Requirements Backend Cloud Infrastructure Challenges User Experience Optimization**

React App	× +		
ightarrow C $ ho$ easy-bites	-tcu.vercel.app/RecipeForm	다. 다. 다. 다. 	
	Easy Bites Recipe	e Submission	
All Recipes	Allergen Options:		
My Recipes	Select all allergens that are in the Recipe Example: Pasta conatins wheat, so select wheat		
Add Recipe	O Milk		
	Eggs		
Manage Students	□ Peanuts		
	Tree Nuts		
	□ Soy		
	Wheat		
	 Shellfish Fish 		
	□ Pisii		
	Protein Options:		
	Select ~		
	Cook Time:		
	Recipe time refers to the total time in minutes needed to make the entire recipe		
Annalise Gadbois	Select ~		

		1:39 EB
ef Snap as Garlic		Beef Snap Peas Garlic Noodles 40 minutes ✓ Θ
odles .71 路4 10 mins	Taco Bowl	Taco Bowl \$19.03 ∧ ⊖ 35 minutes
ney Soy icken 66	©35 mins ≊4 \$15.04	Ground Beef Sirloin 93/7
	Ingredients 11b. Ground Beef 1 Can (15.25 oz.) of Sweet Corn	Kroger® Whole Kernel Sweet Golden Corn
	1 Can of Black Beans 1/2 Cup Pico de Gallo 2 Avocados 1 Cup Dry Brown Rice	Bush's Best Black Beans
	1/2 bag of Tortilla Chips	□ 🥁 La Mexicana™ Fresh Pico de Gallo Mild Salsa
50 mins	Directions	Medium Ripe Avocado
ef Rice Bowl	Place 1 Cup of rice into rice cooker and 2 Cups of water (or cook on stovetop/ microwave). Place Olive <u>oil in pan and cook</u> 1lb. of	

Easy Bites



Future Plans

• Rating recipes and leaving reviews

• Meal Planning tool

• Integration with Campus Resources: Collaborating with university dining services • Community Engagement Features: Introducing features such as recipe-sharing platforms, or virtual cooking events to foster a sense of community among students interested in cooking and healthy eating. • Integration with Campus Life: Partnering with student organizations, or campus events to promote healthy eating habits, or offer cooking workshops,

using the Easy Bites platform.

• Integration with Kroger Pickup: Students would be able to select ingredients from their added recipes to make an online order allowing for easier meal prep.

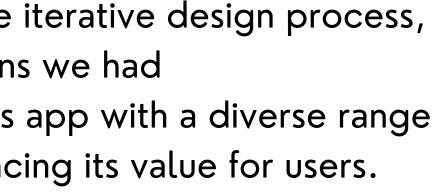
Acknowledgements

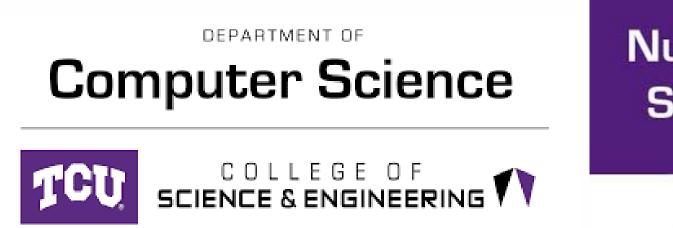
The team would like to thank the following people:

• Dr. Bingyang Wei, Professor Davis: for providing excellent feedback throughout the iterative design process, encouraging us to keep our sights on the highest priority goals, and answering any questions we had • Nutrition Students who contributed their time and expertise to populate the Easy Bites app with a diverse range of nutritious recipes. They have been instrumental in enriching the app's content and enhancing its value for users.











COLLEGE OF