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<div align="center">T2: Revised Team Project Proposal</div>

IA Meetings: 10/22, 11/4

** TA's feedback was mainly that there's another team with a similar idea and we need something to differentiate ourselves more. So we've added a selection ranking system that will allow users to choose based on their restaurant matches. If there are no matches then it will default to what the users ranked. **

Part 1:

Rinder is a iOS phone application focused on helping users find restaurants that they would be interested in. The phone app will show users restaurants near a user's inputted location and if they choose, a cuisine type. They would be able to swipe left (disinterested) or right (interested) depending on their interest by dragging the card left or right using their fingers, similarly to Tinder or Bumble. The restaurants that you swipe right on will be saved in your profile. Additionally, you can compare the restaurants on your profile with that of your date/friend to see which restaurants you are both interested in to make it easier to choose. The core idea of Rinder is that swiping on restaurants is more interactive and enjoyable compared to just browsing through a list of restaurants. In the demo, we will be able to show a phone application with a similar format to Tinder. The phone app will display a restaurant with several photos inside a card, and this card will be able to be swiped left or right. The users will be restaurant-goers who are unsure of where to go for food. User authentication will be done through Google Sign-In. We will be storing all user's right swipes in their profiles so that they are able to come back to their picks at another time. We will be getting restaurant data through Google's Places API and then storing this data inside the database.

Part 2:

User Story #1

As a very picky eater, I want to be able to find restaurants that serve a particular type of cuisine, so that I can easily find a restaurant that satisfies my taste. My conditions of satisfaction are

- I only want to be shown potential restaurants that serve the cuisine that I am looking for
- If there are no restaurants with the intended cuisine, I want to be asked to expand my search radius or cuisine criteria

User Story #2
As someone new in town, I want to take that special someone on a date at a hip restaurant, so they think I'm not new to the city and know my way around.
My conditions of satisfaction are
- I want to be shown within my specified price range and around the area of my date

User Story #3
As a foodie, I want to make a list of restaurants that I'm interested in eating at so that I can just refer back to that list and always have a list of options to choose from. My conditions of satisfaction are
- I want to be shown popular restaurants in my favorite neighborhoods
- I want to be able to go through the options quickly
- I want to easily save my picks somewhere

User Story #4
As someone who has a hard time agreeing on a restaurant to go with other people to, I want to semi-automate the choice. My conditions of satisfaction are
- I want to be able to make a list of restaurants I'm open to trying, and have it be compared with someone else's list
- If there is overlap, the overlapping restaurant/s are returned

Part 3:

User Input	Expected Success Result	Expected Failure Result
Opening the app without any search criteria	Profiles of restaurant that fit the following criteria: - Within a 2 mile radius - Has not been evaluated (favorited,	No profiles are shown even though there are available restaurants that fit the search criteria

	dismissed, and removed from favorited list) - Has any cuisine and whatever price range	Profiles that have already been evaluated show up again Restaurant profiles are shown that are further away than a 60 mile radius
Swipes right on a restaurant	The restaurant should be removed from the pool of possible restaurants to be shown to the user and it should show up in the user's profile of saved or favorited restaurants	The profile remains on screen → does not move The profile does not show up in the user's profile
User clicks a restaurant in their saved or favorited restaurant	Redirected to the restaurant's website	The user is not redirected anywhere The user is redirected to a website that is not associated with the restaurant
Swipes left on a restaurant	The restaurant is permanently removed from the pool of possible restaurants to show the user	The restaurant's profile remains on screen → does not leave
Add cuisine filter(s)	Profile of restaurants that fit the following criteria: - Serves at least one of the requested cuisines - Has not been evaluated by the user (favorited, dismissed, and removed from favorited list) - Fit the distance (max. 60 mile radius) and price search criteria	Profiles appear that do not fit all of the criteria mentioned in the Expected Success Result
Add price filter	Profiles of restaurants that fit the following criteria: - Serves at least one of the requested cuisines (if any) - Has not been evaluated by the user	Profiles appear that do not fit all of the criteria mentioned in the Expected Success Result

	(favorited, dismissed, and removed from favorited list) - Fit the distance requirements - Fits the price criteria	
Scrolling through favorited or saved restaurants	Shows a preloaded list of restaurants that have been favorited or saved by the user	Shows restaurants even if the user has not favorited any
Removes a restaurant from the favorited or saved restaurants	Restaurant is removed from your favorited or saved restaurant list associated with your profile and will not be shown to the user EVER again	Restaurant remains in the favorited or saved restaurant list
User runs out of restaurants that fit their search criteria	Prompt the user to expand their search criteria and return a new list of restaurants that have not been evaluated by the user that fit the new search criteria If the user has already set the distance to 60 miles and has ran out of restaurants, ask the user to expand other search criteria (not distance) and return a new list of restaurants that fit the new search criteria and have not been evaluated	Restaurants are shown that are further away than 60 mile radius New profiles are not shown even though there are restaurants that fit the criteria.
The user has ran out of all possible restaurants	A friendly message telling the user that they has swiped on all available restaurants	Profiles of some restaurants are shown
The user has a list of up to 5 preselected preferred restaurants and tries to find overlapping preselected favorited restaurants with another user that has already preselected up to 5 preferred	If there is a match between any of the preselected restaurants on the list, then those restaurants will be shown to both people. If none of the restaurants	No matching restaurants are selected even when there are matching restaurants on the list Only some of the matching restaurants are shown to both

restaurants	match, then a list of the other person's preselected list of 5 ;preferred restaurants will appear for both users	users even though there are more potential matches There are matching restaurants available but one user does not see the matching restaurants A or many matching restaurant are shown to a user even if there are no matching restaurants

Part 4:

IDE/Code Editor: XCode

Package manager: ??????

Language: Swift

Database: Core Data

Style Checker: SwiftLint

Unit Testing Tool: XCode

Code Coverage: CodeCov