Reserve Your Table Scenario

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Ever since the COVID-19 pandemic, society has been forced to improvise and adapt like never before. Eating out at restaurants has always been an activity that many people love and cherish, but COVID has introduced some new setbacks and cautions to the process. Our project "Reserve Your Table" aims to virtually organize the whole process of dining in at a restaurant, whether alone or with others, ensuring the greatest efficiency and safety for users.

The user will start by searching for a restaurant that they want to dine in at. The user will be asked to sign in if they have an account and if not sign up to save their favorite restaurants. Otherwise the user can proceed as a guest. This will be done by the computer asking for either an address to search for nearby restaurants, the user's location, or a restaurant's name for the user to input to check the availability of the restaurant.

A key feature of the program implemented in this scenario is the user being able to input their current location or address they are currently at to be able to search for surrounding restaurants in the area allowing the user to have multiple options to choose from if they are not sure of where they would like to reserve.

When a restaurant is chosen by the user, the computer will read your entry and you will be asked to input your party size. Then you will be displayed the available time slots from which you can choose from. Upon success you will be added as a party of size X at time Y at the restaurant of your choice and will be asked to check in at the restaurant when you arrive. When successfully checked in at the restaurant via the current location of your phone, the user will be asked to place an order for food. The user will have the option to place the order on one bill or have separate orders for you and your friends. When the user is ready to go, the user will be prompted to complete payment for their order or orders.

The system will accept some actions from the user such as HELP, CANCEL, UPDATE, MENU, PAY, and EXIT.

The HELP action will help guide the user into how to reserve their table and the steps that need to be taken in order to do so.

The CANCEL action will cancel the reservation that you made and will be asked to reserve a table elsewhere. You are able to make one reservation at a time at a single restaurant.

The UPDATE action will allow the user to go back to be able to make changes to their reservation. For example, the user will be given the option to edit the party size and also the time of their reservation.

The MENU action will display the current menu the restaurant has up to date.

The PAY action will allow the user to pay for their food. If there is not an existing pay method for the user registered on the app, it will ask the user to input a pay method to pay for the food, including a tip option at the restaurant's discretion.

When the user exits the application the user can choose the EXIT action that will close the application or simply exit out the application with your smartphone.

Initial Design:
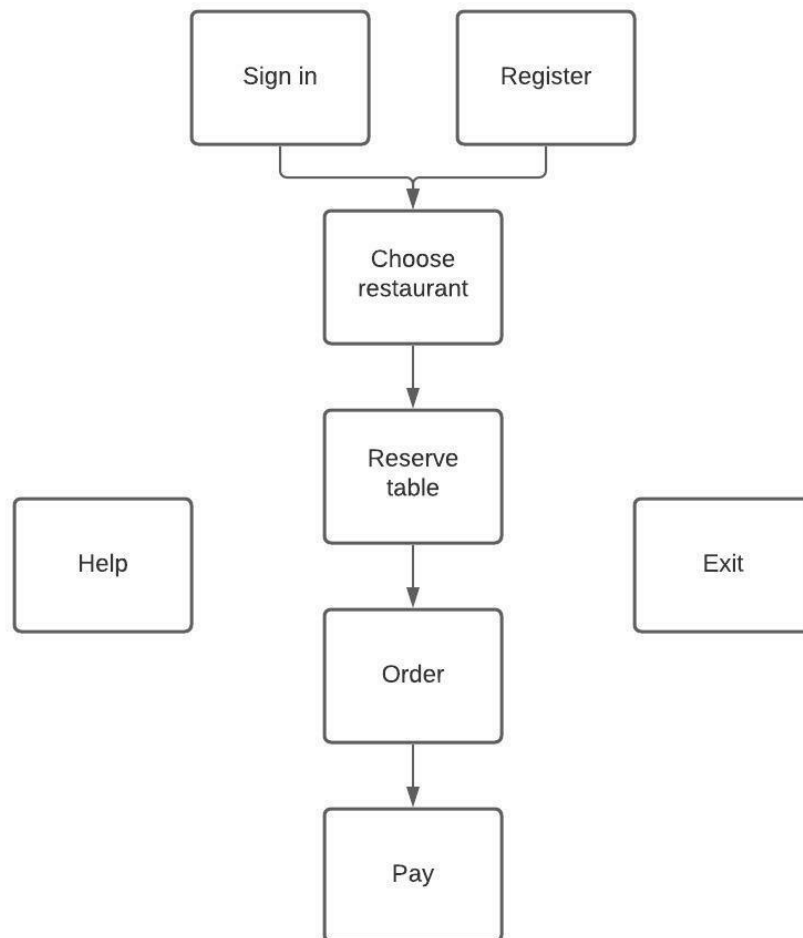
Includes most of the components of the program from the user's perspective. Each page included would have lots of detail to ensure the user has a smooth and straightforward experience with the program.