

Use Case Descriptions:

Use Case Name:	Register for an account
Actors involved:	Customer/Consumer, retailer
Preconditions:	The app must be installed on the user's phone
Postconditions:	A new user account will be created and securely stored in the database
Flow of activities:	<ol style="list-style-type: none">1. The user launches the app and is shown the home screen2. The user presses the button for account registration3. The user chooses either the customer or the retailer option4. The user enters their name and phone number<ol style="list-style-type: none">a. If the user selected the retailer option, they can also optionally upload an image of their shop / curfew pass / essential services pass, and also specify their GST number if it is available5. The phone number (and GST number, if available) is used for verification6. If the phone number is verified successfully, the account is created7. User data will be stored in the database in a secure way
Exception conditions:	If the phone number is not verified successfully, then an error message will be shown and the user will be asked to retry registration

Use Case Name:	Mark shop location
Actors involved:	retailer
Preconditions:	The user must have an account of type = 'retailer'
Postconditions:	<ol style="list-style-type: none">1. The shop location will be stored in the database and will be associated with the retailer who specified it2. It will be used to provide search results to users
Flow of activities:	<ol style="list-style-type: none">1. The retailer logs in to their account on the app2. The retailer presses a button for entering the shop location3. The retailer will be asked if the current device location can be accessed by the app, and if so, then whether it is to be used as the shop's location4. If the retailer agrees to both of these conditions, then the current device location will be detected automatically and stored as the shop location. Else, the retailer has to specify the location manually on the map.

Use Case Name:	Specify shop opening and closing times
Actors involved:	Retailer
Preconditions:	The user must have an account of type = 'retailer'
Postconditions:	The shop's opening and closing times will be shown to users
Flow of activities:	<ol style="list-style-type: none"> 1. The retailer logs in to their account on the app 2. The retailer presses a button for entering timing information 3. The retailer enters the shop opening and closing times which are subsequently saved
Exception conditions:	The closing time must be chronologically greater than the opening time, else an error message will be shown.

Use Case Name:	Specify items available in the shop
Actors involved:	retailer
Preconditions:	The user must have an account of type = 'retailer'
Postconditions:	The list of items available in the shop will be shown to users
Flow of activities:	<ol style="list-style-type: none"> 1. The retailer logs in to their account on the app 2. The retailer presses a button for entering item information 3. The retailer is shown a drop-down list with predefined general items/categories of items, from which items can be selected. There will also be an option to type names of other items/categories of items, which are not present in the list.

Use Case Name:	View details of a particular shop
Actors involved:	Customer/Consumer
Preconditions:	The app must be installed on the user's phone
Flow of activities:	<ol style="list-style-type: none"> 1. The customer logs in to their account on the app 2. The customer searches for nearby shops, either by specifying a type of shop, or a certain item/type of item 3. The customer is shown a list of shops near the customer's current location 4. The customer selects one of the shops in the list 5. The customer can view details of the selected shop (whether open/closed, its timings, location, items available, etc.)

Use Case Name:	Give answers to feedback questions
Actors involved:	Customer/Consumer
Preconditions:	The user must have an account of type = 'customer'
Postconditions:	Feedback given by the user will be stored in the database, and would be used to help other users know about factors such as availability of items in a shop
Flow of activities:	<ol style="list-style-type: none"> 1. The customer logs in to their account on the app 2. The customer searches for nearby shops by specifying a certain item/type of item 3. The customer is shown a list of shops near their current location 4. The customer selects one of the shops in the list 5. The customer will be provided an option to answer some questions related to the selected shop as feedback, which can be answered if the customer has visited the shop (eg. whether the items indicated were actually available or not)