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| Functions | Starting from line | What does it do and how |
| Database ref snapshot | 35 | It takes the values on firebase and stores it into local variables |
| Ingrd(i) | 44 | Creates new divs and append ingredients onto the ingredient card. “i” is based on the number of the recipe that is given |
| getLocation() | 59 | Get your location from browser with a prompt |
| showPosition() | 68 | Save the location into latitude and longitude |
| Submit on click function | 87 | Remove old slides, and set queryURL’s along with main function calls. |
| Generateslide(I,pic,name,link,carbs,  calories,fat,protein) | 108 | Generate slides based on the search results, add nutrition information to the slide as attributes and also creates a caption for title and another caption for link |
| getCity | 148 | Get your city based on your latitude and longitude |
| ajax\_recipe | 166 | Ajax call using EDAMAM API to get recipe information. Stores it into variables and check if some nutrients (carbs for instance) exist using a if function. Call generateSlide() after ajax call finishes. Stores the response into firebase for ingredients use later |
| Document.onclick carousel-item | 229 | Trigger based on the clicks on the slides. It removes ingredients and nutrition cards content. It creates a div and appends nutrition information based on slide attribute.  Calls ingrd(num) function using num identifier |
| initMap() | 258 | Google places/maps API search for grocery stores based on your current location. Calls createMarker(place) |
| createMarker(place) | 290 | Function that creates marker on map. Called by initMap() |