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| COMPONENT: | FUNCTIONALITIES: | DATA: |
| Food Cupboard: | -View all foods  -Search foods  -Add foods  🡪Manual  **🡪Visual recognition**  -Add features of specific food  -View features of specific food  -Modify features of specific food (including amount)  -Delete food  [Colour code food based on expiry/amount – auto]  ----------------------------------------  -Categorise foods (suggested and custom)  -Filter view of food  -Set recurring setting to link with the shopping list e.g. add to next list when finished  -Set meal times to trigger reminders for user update  -Set regular meals to allow computer update e.g. cereal/milk for breakfast – auto deduct from FC. | -Food name  -Date bought  -Date of expiry  -Amount / Number (would need to determine which is relevant)  🡪Total when bought  🡪Current amount left  -Food type e.g. meat…  -Food “location” e.g. fridge  -Visual representation of amount left e.g. “health bar”  ----------------------------------------  -Customised categories  -Store names of previously added foods – quick add  -Recurring setting  -May have basis in the food calendar which would link to the cupboard component.  (NOT ALL REQUIRED TO BE ENTERED BY USER) |
| Shopping list: | -Create shopping list  -Add/modify date of trip  -Add/modify store  -View all items  -Search items  -Add items  -Add features of specific item  -View features of specific item  -Modify features of specific item  -Delete items  [Colour code based on user’s priority rating]  ----------------------------------------  -Categorise items (suggested and custom)  -Filter view of items  -Trigger reminders for trips  -Trigger Find Food for closest stores to buy items | -Store lists  -Item name  -Item amount required/ number (depending on type of food)  -Item type e.g. meat…  -Item “location” e.g. fridge items  -Priority assignment (high, medium, low)  -Date of shopping trip  -Store to buy from  ----------------------------------------  -Store names of previously added items – quick add  -Customised categories  (NOT ALL REQUIRED TO BE ENTERED BY USER) |
| Recipes: | -Search recipes:  🡪All  🡪By cuisine  🡪By ingredients (select from FC)  🡪By expiry date  🡪By time required  (or any combination of these)  🡪Add recipes (custom)  ----------------------------------------  🡪Share own recipes  🡪Share images  -Favourite recipes  -Add items from recipe to next Shopping list  -Auto checks using recipes to compare ingredients to FC to see what’s missing/if can be made | -Link to database/website of recipes  -Custom recipes:  🡪Ingredients list  🡪Method  🡪Time to make  🡪Equipment required  🡪Images  🡪User rating  🡪User comments |
| Find Food: | -Find current location  -Search nearest shops  🡪By distance from current location  -Select store to go to  -(Send intent to maps to display user route to store)  -View shop website  -User can add foods sold/not sold by specific stores  -User can add date of visit  (prompted to do so if they visit a specific store)  -Search by stores that sell specific item  [Auto compare shopping list to the store’s inventory to give best options to fulfil list] | -List of nearest stores (or shown on maps/both)  -Distance from user location  -Link to website (where appropriate)  -Items sold/not sold by the store 🡪 could be user added and/or based on database of specific’s shops items  -Information regarding whether full list can be attained at each of the closest shop or how many items missing |