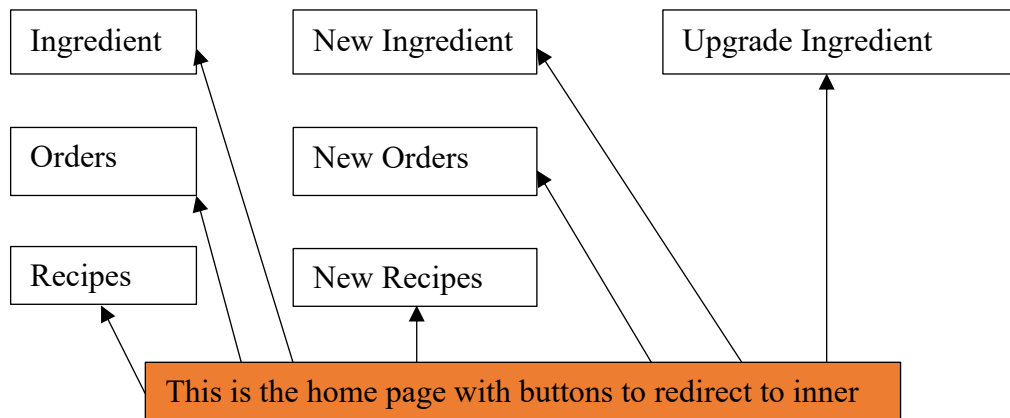


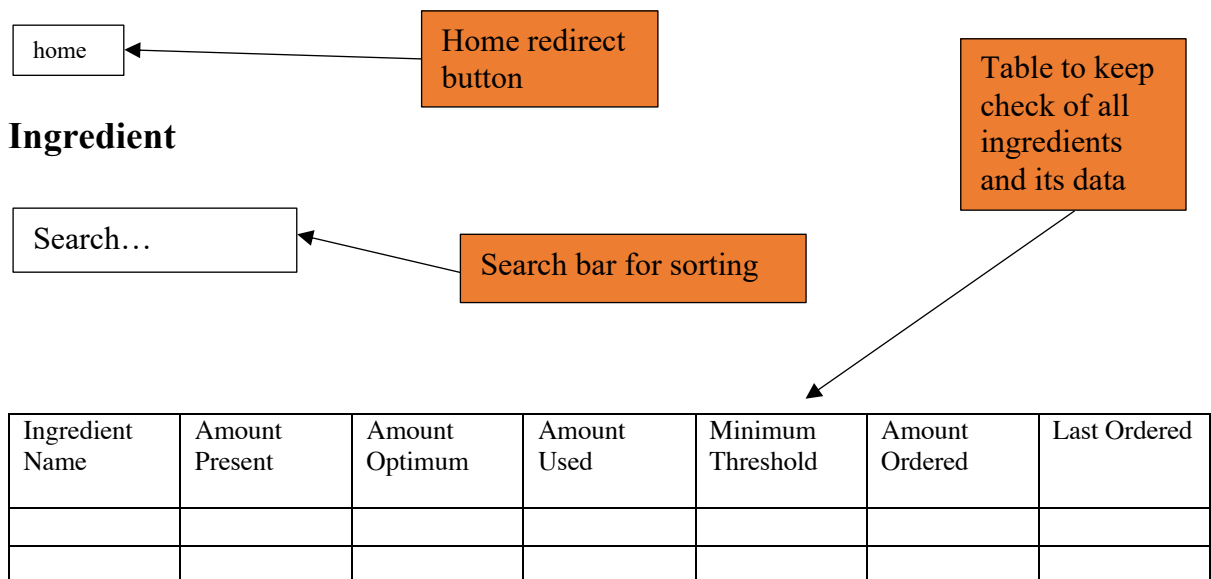
# Criterion B – Design

## Software Design:

### Home page:



### Ingredients page:



New Ingredients page:

home

Ingredient Name

Unit

Optimum Amount

Minimum Threshold Amount

Form to add a new ingredient and its basic essential details

Add Ingredient

Button to add form in database

Update Ingredients page:

home

Click to Choose Ingredient

Dropdown for choosing an ingredient data to update

Property	current value	update value
----------	---------------	--------------

Ingredient Name		<input type="text"/>
-----------------	--	----------------------

Amount Present		<input type="text"/>
----------------	--	----------------------

Unit		<input type="text"/>
------	--	----------------------

Optimum amount		<input type="text"/>
----------------	--	----------------------

Amount used		<input type="text"/>
-------------	--	----------------------

Form fields to update an ingredient data

Minimum Threshold

Amount Ordered

Last Ordered

Update Ingredient

Button to patch  
ingredient data  
in the database

Order page:

home

**Order**

Search...

Table with all order data for  
analysis, comparison and  
internal company uses

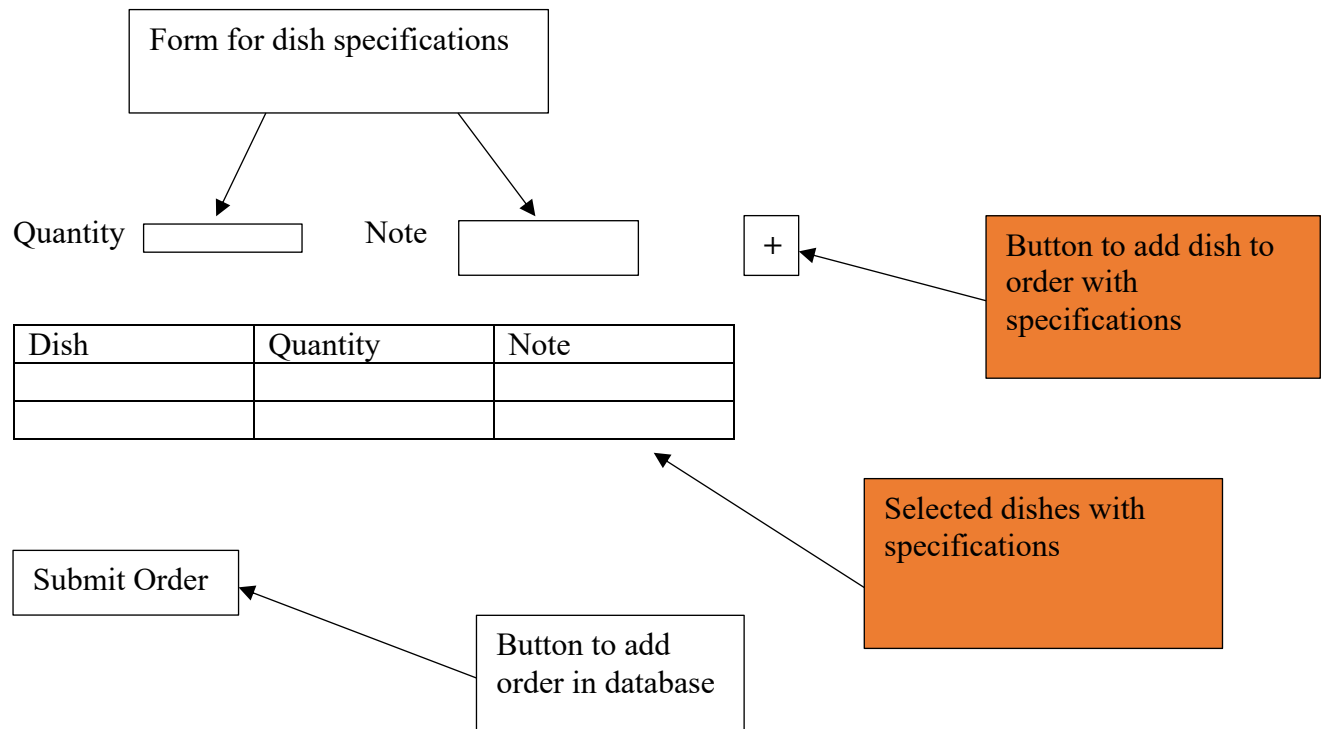
Time	Customer name	Dish	Quantity	Note

New Order page:

home

Customer Name

Click to Choose Dish



Recipe page:

home

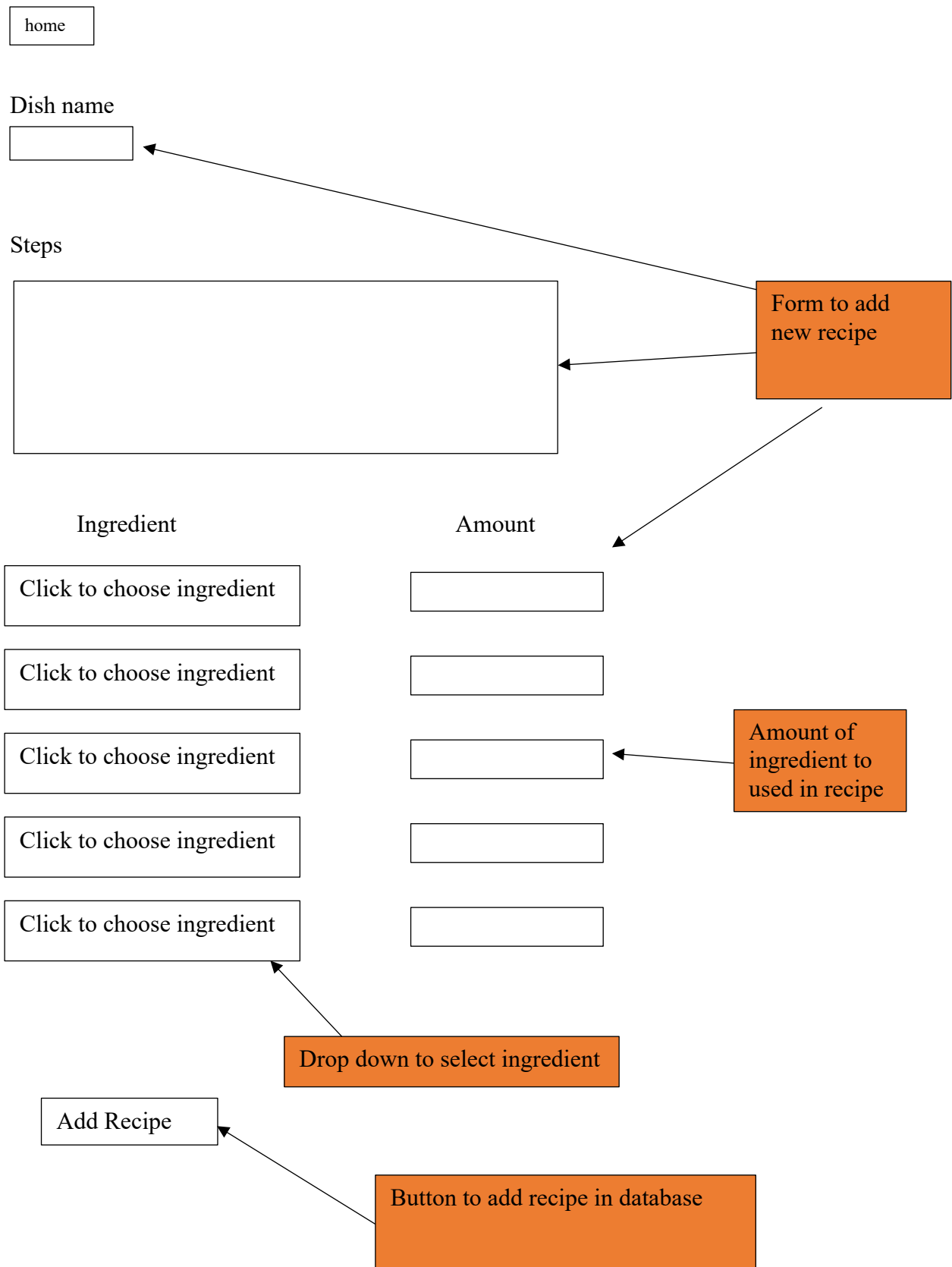
## Recipe

Search...

Output table to display dish all

Dish name	steps

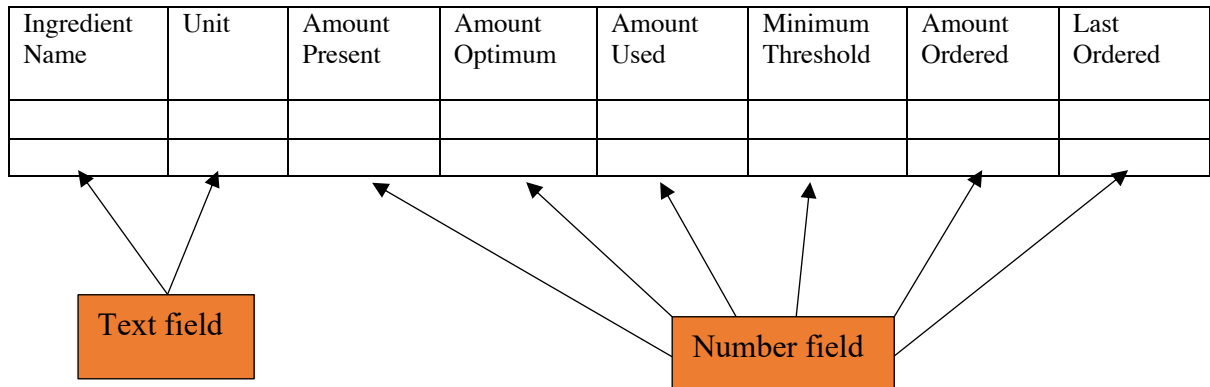
## New Recipe page:



## Database tables

### Ingredient

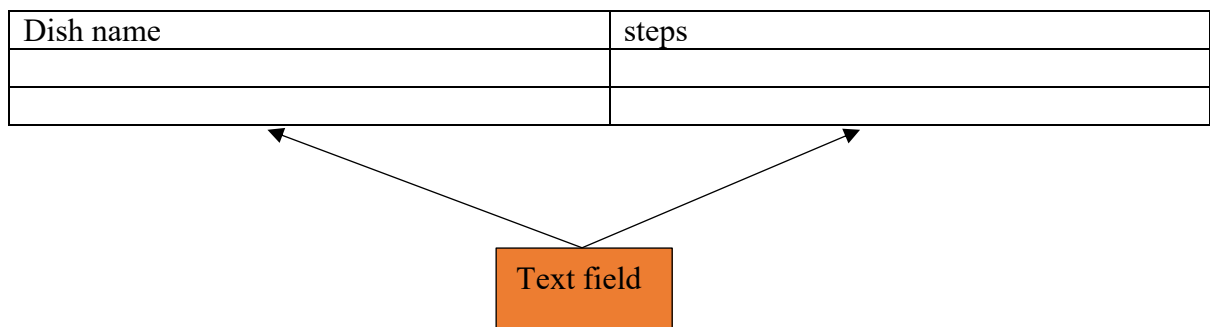
Ingredient name is the key primary



### Recipes

Dish name is the primary key.

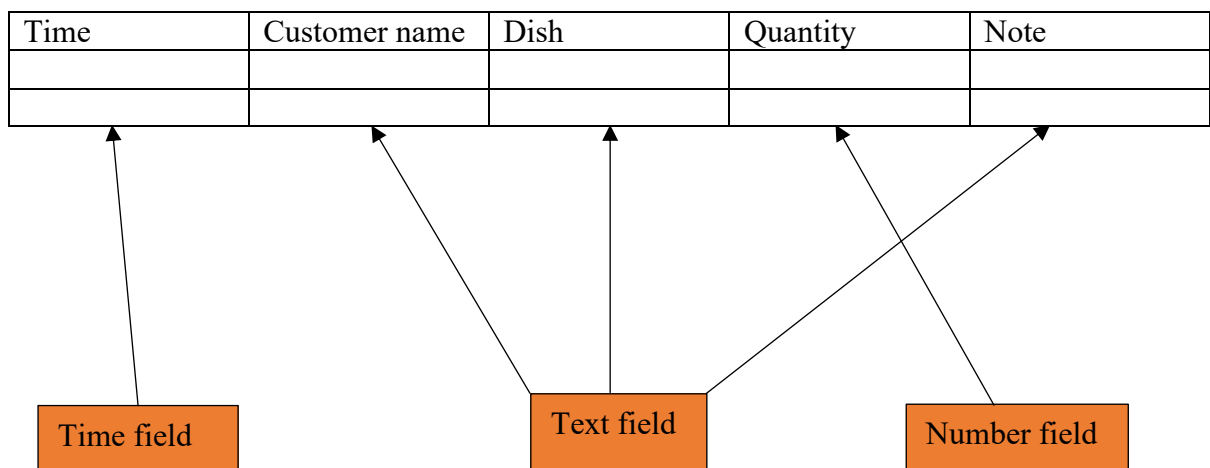
Ingredient name is the foreign key from Ingredients



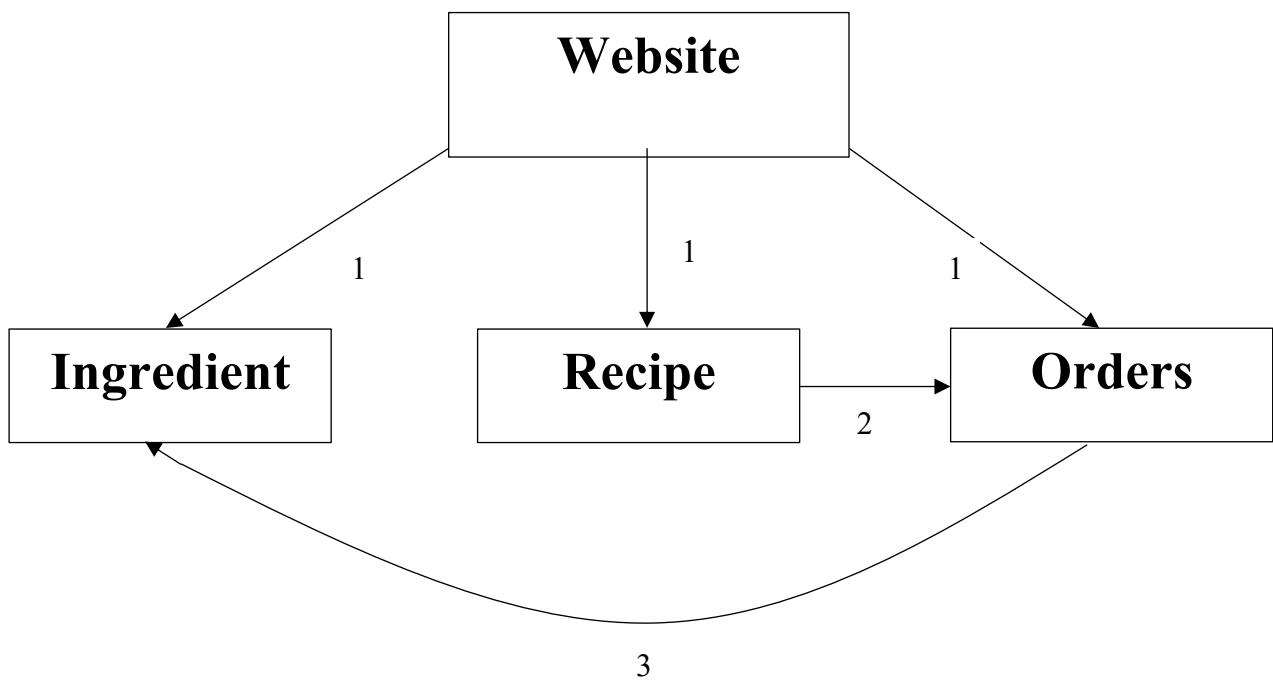
### Orders

Customer name is the primary key

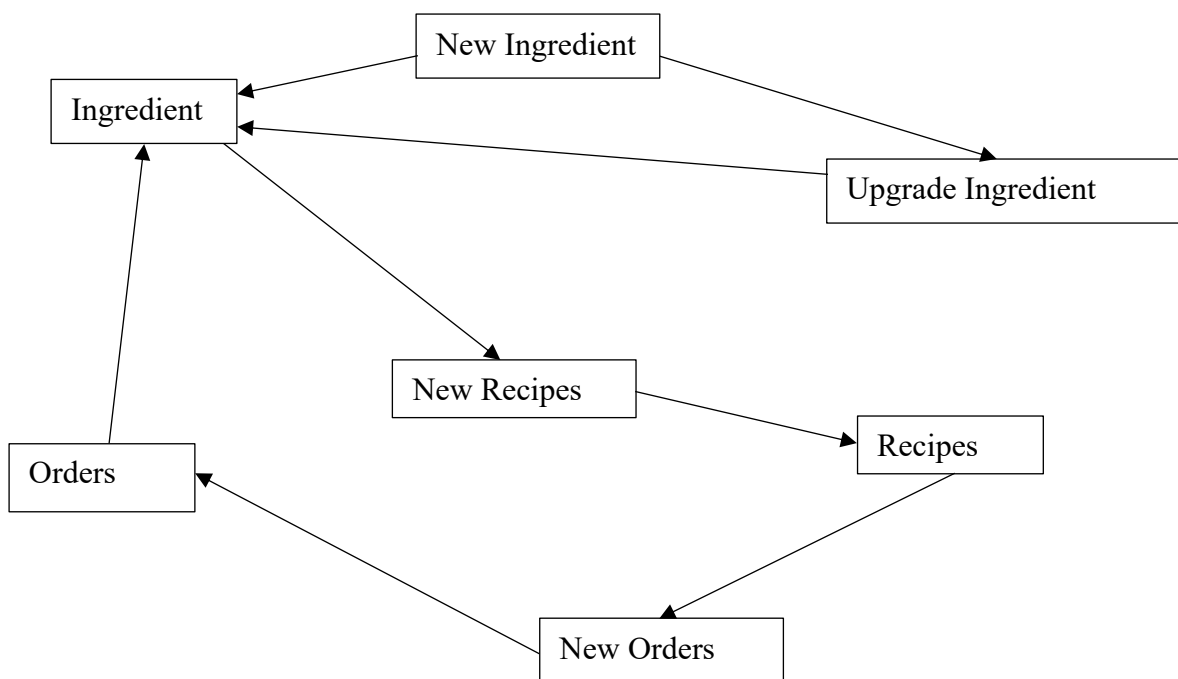
Dish name is the foreign key from recipes



## Flow of website:

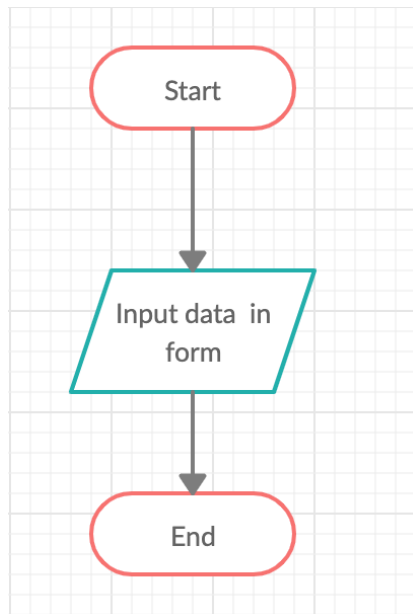


- 1 Website communicates with database to fetch and patch it
- 2 Recipe provided dish name to order along with all the ingredient amounts
- 3 Order makes changes to the ingredient amount

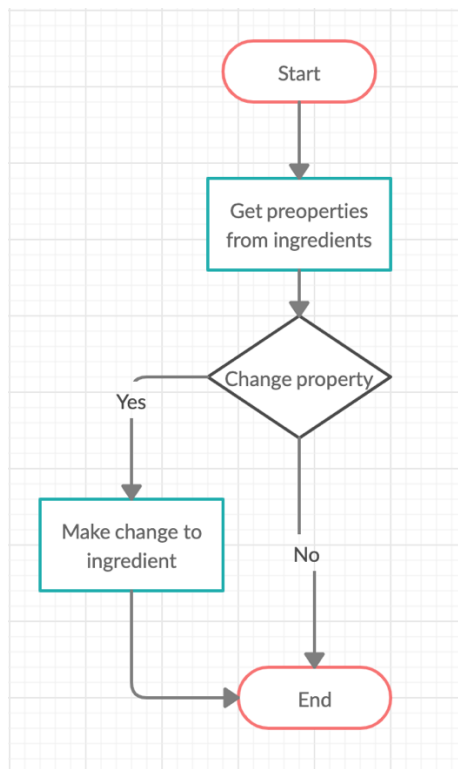


## Flow charts

### Add ingredient

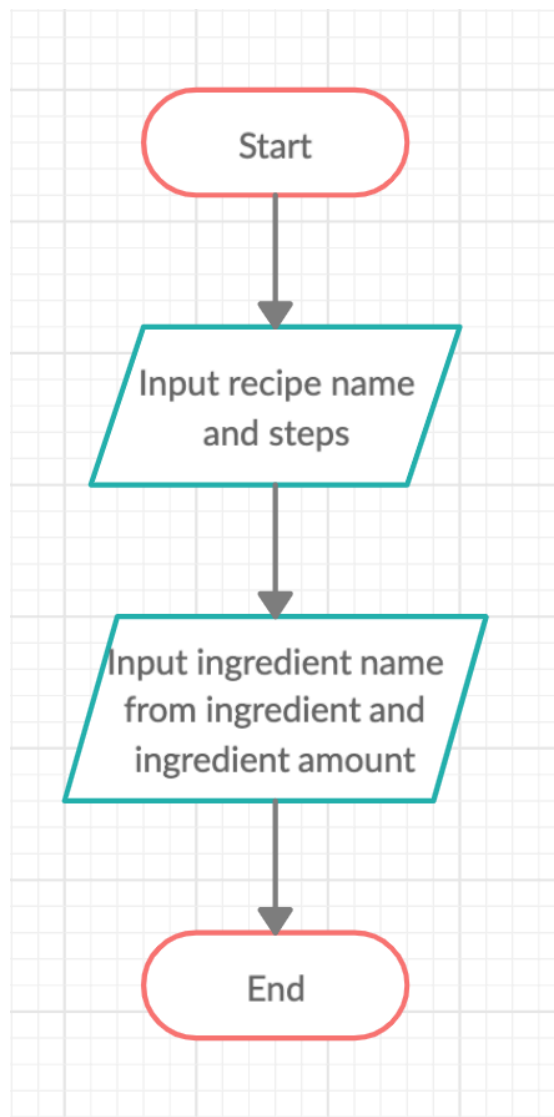


### Update ingredient

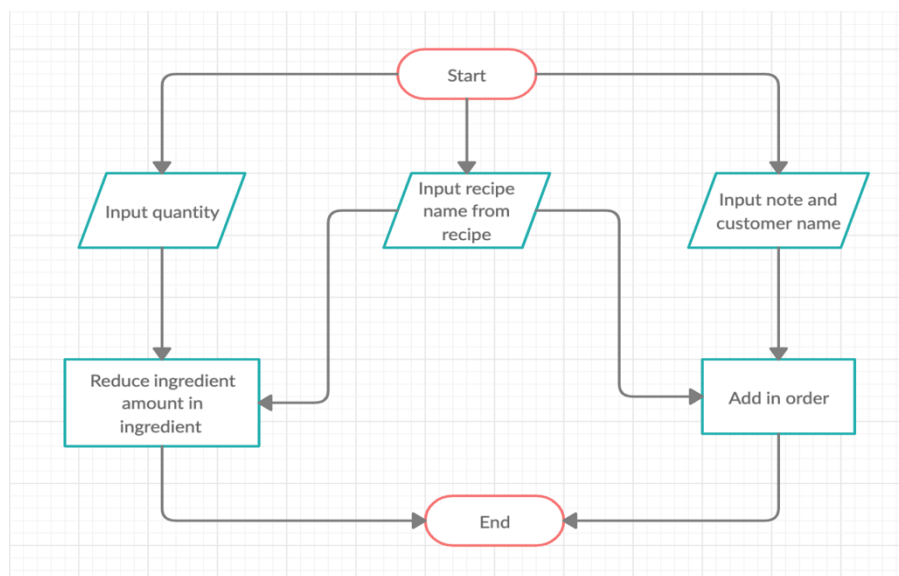




## New recipe



## New order



## Test Plan

Action to be tested	Test method
All webpages can be accessed and home button works	Open each webpage from home page. Go back to home page using the button. Refresh the website and open another webpage
See if checks are working	Try inputting wrong data type. Invalid data type should not enter. Integer data input should have a selector.
Functional dropdown button	Click on dropdown button select random options. Check if it gets selected and shown below.
Functional search bar	Input words present in table. Only rows with word present should be sorted and shown. Input random alphabets. No result should be shown.
Working of Add Ingredient	Input correct data in the New Ingredient form. Press add ingredient button. Open ingredients webpage and check for the added ingredient.
Working of Update Ingredient works	Select ingredient name make changes to some fields. Press Update ingredient button. Open ingredients and check for change. Try again for all fields. Check ingredients for successful change.
Working of New Recipe works	Input correct data in the New Recipe form. Input all ingredients and ingredient amounts. Press add recipe button. Open Recipe webpage and check for the added recipe. Repeat the same process with but random number of ingredients, not all.
Working of New Order works	Check ingredient amount. Input all data to order one dish. Press '+' button. Check if order with all details comes in table below. Press submit order button check Order page with details of the order along with correct order time. Check if correct ingredient amount has been deducted in Ingredients. Repeat this process with multiple quantities of one dish, multiple dishes, and multiple dishes with multiple quantities.