**Lookup table for fruits/veg shelf life**

**Recipe**

* Recipe Name
* Ingredients
* Steps
* Time to make
* Calories (??)
* Number of servings (??)
* Etc.

**Storage**

* Storage ID
* Storage Name
* Storage description e.g. *Perishable goods only*

**Category**

* Category ID
* Category Name
* Category Store location

(i.e. Meat should be stored in the freezer storage)

**Food Item**

* Item ID
* Name
* Quantity int (not null)
* Expiry Date date (nullable)
* Category – to be used as foreign key

E.g. Vegetable/Meat/Canned/etc

* Image path
* ExpirationHistFlag
* Price
* Store location (foreign key)
* Notes

**Calendar Control = main feature**

**User**

* User ID
* User name
* Password
* First name and Surname
* Gender
* Email address
* Living Status
* Occupation

**Reject Pile**

* Reject ID
* Description
* Storage ID

The Reject Pile will be used to store items that have

Not been used in the past, to record future actions

E.g. prioritise the usage of the items with the reject Pile

Flag

1. User will *typically* contain multiple storage areas for their shopping
2. User will *typically* buy various food items with different categories
3. Most food items will be used to cook recipes – some will be consumed on its own e.g. fruits/canned items
4. Some items will not be used (*forgotten?*) *go off* and be thrown away
5. Products will also expire if they have not been stored in the correct place
6. User does not have concrete meal plans for each week, also another reason as to some food items being forgotten
7. Products stored out of sight i.e. behind the cupboard and completely forgotten (assumed that it has been consumed already

**Wireframes**

Log in screen

**Login**

**Sign Up**

**SimplyPie**

*Meal Planning should be easy and simple as pie!*

**Sign up screen**

In order to avail the full features of **SimplyPie**, a valid, currently in-use email should be provided.

https://www.youtube.com/watch?v=LiB6MeMftsQ

Occupation:

**SIGN UP**

Gender:

Username:

Password:

Re-enter password:

Email address:

Relationship Status:

**Your profile**

Surname:

First Name:

**Main Screen**

Unload Shopping

Browse Recipes

…

**SimplyPie Home**

**Calendar Control**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **October** | | | | | | |
| **Mon** | **Tues** | **Wed** | **Thurs** | **Fri** | **Sat** | **Sun** |
| 26 | 27 | 28 | 29 | 30 | 1  Breakfast: Porridge  Lunch: Coronation Chicken  Dinner: Beef Stew | 2  Insert Entries |
| 3  Insert Entries | 4  Insert Entries | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 |

Weekly View – user would ideally have the option to switch between week and monthly views

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **October** | | | | | | |
| **Mon** | **Tues** | **Wed** | **Thurs** | **Fri** | **Sat** | **Sun** |
| 3  Insert | 4  Insert | 5 | 6 | 7 | 8 | 9 |

**Random Ideas**

Instagram integration - #cookedSimplyPie

Facebook

Takes into consideration of Occupation/Relationship status i.e. meal for 1, less than 30 mins to cook

Shopping list albeit they put the costs down – then compare with other supermarkets

Rubbish pile – see highlighted above

Updates (daily, weekly, monthly)

Meals in the fridge – e.g. leftovers

Pass meal plans to a friend. (mini social)

Two accounts pointing to the same pantry/meal plans – to share shop lists