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Shopping List Application

pete <petejdeb@gmail.com>   Sun, Nov 26, 2017 at 5:37 PM
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Hi Ewan,

As discussed I wanted to a while ago to push out a website that helped people save money, eat better and reduce food waste.

I got it working at home, saving on average Â£40 per week, but with one thing and another never got it onto the web.Â After our conversation last week it occured to me that you could do it might help in the house and if possible it be put online for other people to use.

Also if you want a career in IT or around it, getting used to some of the approaches and concepts might help. It will help with the bullshit bingo during interviews. So I thought we might do this using Agile development methodology.

I think you will struggle developing this on a PI, the 256mb one does not really do GUI very well. I have developed on a PI, arduino stuff mostly, and it is not ideal. Linux based laptop runing vmware or virtual box is perfect.

It will need php, apache, mysql, phpmyadmin, libre office (for spreadsheet) geany. I suggest twitter bootstrap because that is what I have used before.Â You may want to use a framework, cake etc, basic php is great for just getting stuff done and to learn, then you can move onto frameworks, but if you feel comfortable just go straight to framework. There are lots around.

Firstly by setting up a Kanban board, https://www.kanbanchi.com/ this will enable us to co-ordinate going forward. We can code share using git if you want. If you want to setup and add me that would be great.

There is an agile concept known as MVP or minimum viable product.

The MVP for this application is as follows. "A person logs onto the application, selects an number of meals for the week. Enters the number of people for each meal and presses a button that creates a shopping list. The shopping list is printed out and checked against already purchased goods. Then taken to the shop and only items on the listing are bought. "

As the project develops we will beÂ adding more user stories to the project.

To this end there are a number of steps that can be added to the Kanban board. These first ones are pretty basic

1. Create a spreadsheet with a dozen or so test meals. This can say test 1 - 12 or chicken and chips yourÂ choice.

Fields are ref - int, decrip char(100),nos intÂ (int integer, char character, when you upload you will be asked to confirm these)

Table Name is meals or such like.

2 Create database and Load up spreadsheet into a myslq database. This is done using phpmyadmin. If you then run the select * from meals, to test your stuff.

3. Create a web page that displays everything on the table. (connect to DB using API)

Google has all the code to do this so code samples that show you how are easy to find. I can also load examples of how to do this using php onto git if you want, I have a lot of code snippets around for other projects.

I have this mostly written down or in my head. It maybe something you do not really want to do or you may want to go at your own pace without input from myself. If so I understand, just let me know.

Thanks

Pete