Programmer Inquiry

Qualifications:
- Django / Python
- Or Ruby on Rails

Company Description: We are a company that is aiming to solve the last mile problem of cooking a recipe by connecting recipe websites to eGrocery stores. eGrocery allows a user to order groceries online by placing desired items into a shopping cart and selecting a date and time to have the groceries delivered. In addition to grocery delivery there is also a method known as ‘pick-up’ where customers can go to a physical location to pick up the groceries they have ordered. So our plug-in will make it easier to go from recipe to cooking.

Task: Create a browser plug-in that links the ingredients listed for recipes on recipe websites to a Peapod account.

We need software that will work in the back-end as a unique visitor on Peapod.com with an account that the customer can log into using our UI.
UI

1. Recipe website

This is what a typical recipe website will look like, most without the option of selecting or deselecting ingredients.
2. Browser plug-in
After clicking on our browser plug-in icon, the software should be able to extract the ingredients from the particular recipe.

There are a few components that are required:
1. A check box to uncheck items
2. Ability to select different brands
3. Ability to choose a Peapod location
3. Confirmation Page
A confirmation page that states that the recipe was successfully added to the user’s Peapod Account (not shown)
**Back End Development**
We need a back end that will operate seamlessly with our UI (shown above), but that will act as a unique peapod account owner. The user (our customer) will have a peapod account that will be linked to their Recipe Into Reality account and our UI.

1. **Peapod Homepage**
   - Notice the Express shop tab (second from the left). This is the page that we will be using.
2. Express shop
   
   - Insert extracted recipes into the “express shop” list.
   - The original HTML text of the ingredients from the recipe website will need to change to fit into express shop. (For example: “\(\frac{1}{4}\) cup of butter” will need to be ready by the express shop as simply “butter”)
   - Continue with “Shop Now” process
3. Sorting through different brands
   - The next step is for the software in the back end to continue with the express shop process.
   - In the next page, there will be a list of different brands and types of the particular ingredient that can be ordered.
   - On our UI, this list needs to be able to be seen by the customer. We can discuss the optimal way for this to happen in person.
   - The different options will be the different “brands” that are displayed in our UI.

4. Continuing with the sorting

5. Insert selected items into the Peapod shopping cart – all occurring in our UI.