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Title: Shared Grocery List App

Description: An Android App to create a digital shopping list. Each user will have the ability to edit, share, and collaborate a grocery list from their own device. We will set up for two users only.

Platform/Environment: Android Mobile App Framework integrated with a database and cloud component

Programming Languages:

Language	Peemin Chen	Margaret Wheeler
Java	Beginner	Intermediate
Android Studio	Beginner	Beginner
Database Software (ex. Mongo DB/Hadoop)	Beginner	Beginner
Cloud Computing Service (ex. AWS)	Beginner	Beginner

Functionality:

- User can sign-up/log-in
- User can create a new shopping list
- User can create multiple shopping lists
- User Pantry
 - Pantry has option to remove items.
 - User can add items to pantry
 - Pantry items are highlighted in the grocery list
 - Checked items can be added to the pantry automatically
- User can share list with other users on a per list basis
- List creator can give editing privileges - will require remote server access

7. Stretch Functionality:

- User can import shopping list from online recipe
- Create UI design for better user experience
- Bar Code scanning into the pantry
- Auto sorting of groceries by category - will require a database of items
- Multiple users can edit shopping list at the same time.
- Changes to list is updated automatically and with an optional phone notification