Gift Exchanger

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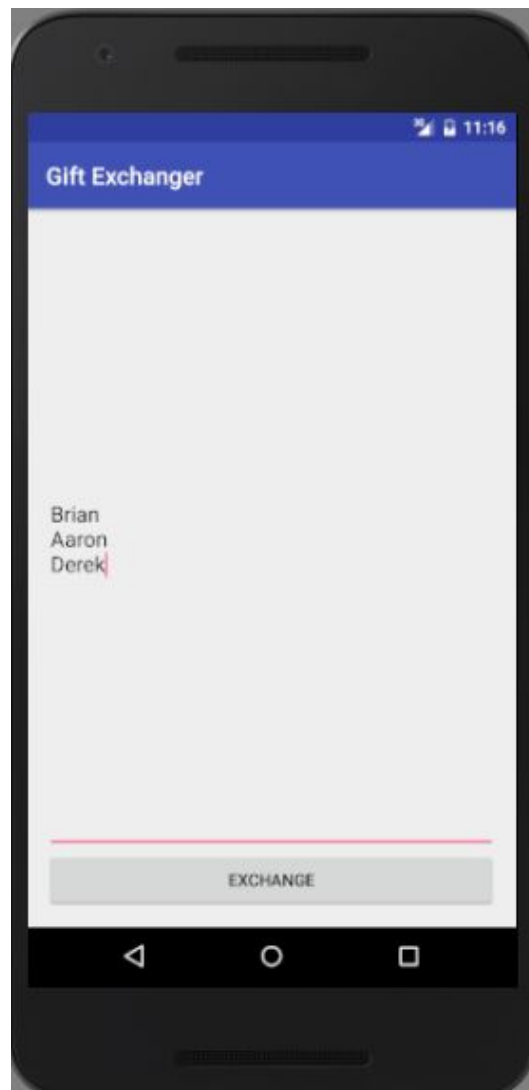
Needs:
- Be able to randomly assign siblings to each other to exchange gifts
- Be able to make it so two siblings do not get assigned to each other two years in row

Who Benefits?
- Anyone who has a family that does gifts where a sibling gives to another

The idea would be to build an application that the user could enter the names of the participating people and click a button to randomly assign siblings to each other. Below is a rough design of the MainActivity and when the "Random" but gets clicked it would go to a new activity. One thing that I would like to implement is a way to keep track of the assignments for previous years so that people don't get assigned to the same person two years in a row, or maybe even within three or four years.

I have already written some code for the backend in a couple of different languages so I would like to start by converting that code to Java before moving onto the design of the application. Next would come the design of the applications itself which would just have some sort of a textbox to get all the participants from the user and a button to perform the action of random assignments. Lastly I would like to modify the existing code I have to include keeping track of previous assignments, which could be done using some sort of a database.