Business case

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Community & UN SDG(s):	Content sharing Orientated community - Responsible Consumption and Production(12)
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Proposed Project	CommuniTrade
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Background	For people that don't have a lot of money, getting rid of items that have no value to you but still has value is something that is not ideal. The saying "one man's trash is another man's treasure" is the main idea behind this project. This application will allow easy trading within the community and support responsible consumption of goods by giving it to someone in need rather than sending it to a landfill.
Business Need/ Opportunity	Instead of throwing out a bag of clothes that don't fit you anymore, why not trade it with someone that no longer fits the size that you need? Or given the chance that you have a lot of unused diapers that you will no longer need, there is definitely someone out there that is desperate to find diapers but can't afford it. This is the opportunity that this application will target.
Options	1. Create an application that allows a user to log in. They can then see a list of general posts that maybe catches their eye and they have an item that is requested thus performing the trade that was posted. They could also create posts of their own and specify what they would like in return. The app will then suggest a list of posts that are requesting to give what the user wants in return. a. items can be objects like clothing b. items can be services c. items can be anything d. items can be listed as free/no return item 2. The app will include a messaging services for 1 on 1 communication 3. Allow comments on posts 4. User rating

Cost-Benefit Analysis

1. Will take the most time but is the main aspect of the application so costs are worth the benefit. The lists of posts should be available to everyone, even if it is just items listed for free or if they don't realize that they could trade for an item they have but no longer need. This increases activity among users.
   a. items that are clothing are the easiest item as people outgrow clothing items quickly.
   b. services can be difficult and have unreliable quality. Could also support local businesses if done right.
   c. Allowing a user to trade anything could be harder to filter by tags. Would allow more items to be traded.
   d. People give away items for free all of the time so adding free items to this application would be very beneficial.
2. The downside of creating 1 on 1 messaging is learning how to create a communications system which is something we haven't really done in class.
3. comments on posts might increase bias towards people but might help users have a better social image

4. might be difficult to implement but would allow users to confirm the reliability of other users.

Recommendation

I recommend creating an application that shows a list of posts with the ability to filter items by tags and maybe a value range. The users can create posts with the ability to post any kind of item but with the main focus on clothes. Avoid comments but create a messaging system unless there is a better method of communication found at a later time. Don't include user rating but show publicly how many posts/trades the user has made.