**Software Engineering Fall 20**

**Project proposal**

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**Project Proposal:**

A website/app that allows user to exchange items instead of throwing them away and wasting them. The platform will not put a price tag on the items; it will allow users to use points as the medium of exchange for the items. For instance, if a person wants to place a book on the platform, he/she will determine the number of points required for this item. The book for example can be worth 50 points while a car can be worth 100k points. The item can only be exchanged for items with the same number of points. For example, a book with 50 points can be exchanged with a vase 50 points. In this manner, the app will help encouraging circular economy as people will get rid of fewer things and get rewarded for doing so. If the platform gained nation-wide popularity, it could significantly boost the supply of raw materials for industry, simulate competitiveness between goods manufacturers- as people will trade in their items instead of buying new ones, encourage recycling of goods, and generally boost economic growth.

**Citation:**

Circular economy: Definition, importance and benefits: News: European Parliament. (2018, April 10). Retrieved September 15, 2020, from https://www.europarl.europa.eu/news/en/headlines/economy/20151201STO05603/circular-economy-definition-importance-and-benefits