Exchange second hand items with your neighborhoods

Location based on postal code (google map)

Novelty:

* exchange article for article instead of article for money
  + you don't feel wasting money as you use your unwanted items to exchange for something you interested in.
  + sensible resource allocation among society, reduce waste
  + connect community/ neighborhood, promote social harmony
* Machine learning based item matching

Concept:

* Exchanger-Exchangee instead of buyer-seller
* Exchanger: the one who make an exchange offer
* Exchangee: the one who is offered to exchange his item

Navigation pane:

* Browse all
  + Recommendation system
  + Based on user’s browse history, success deal history, items listed for sell etc.
* Items within your neighborhood
  + Location based
  + Three categories: within your neighborhood, within your district, across the country
* Exchange your Item:
  + Provide item category, title, description, condition, estimated price, pictures
  + After successfully listing the item for exchange: get recommended items for exchange instantly based on machine learning algorithm.
* My listings:
  + Show all the items you have listed for exchange
  + Can modify / update status (available / exchanged) /delete
* My offer:
  + Item of interest
  + Item to exchange / money offer
  + Status: offer send to owner, accepted, declined.
* My profile
  + Personal info: username, email, change password, profile photo, phone number, Wechat number, address/postal code
  + Log out
* Sign in / Sign up

Specific pages:

* Item view:
  + Contain item information
  + “Make an offer” button: either select item from your listings or “add a new item”. Alternatively: offer money.
* New offer:
  + You have got a new offer from “Username”
  + Offer detail: item detail information / money amount, contact information
  + “Accept / decline” button
  + Once “accept/ decline” button clicked, exchanger’s “My offers” will be updated, if accepted, exchangee’s item will be set to status “exchanged”