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Title: ElectronXchange

**Description:** A web application designed to help people locally buy and sell electronics

**Actors:** Local people looking to exchange computer hardware

## **Functionality:**

• Users can create an account

- Users have a catalogue/inventory of items they own
- Users can browse local electronics
- Users with accounts can put electronics on the market
- Users with accounts can exchange items from the market
- Users to be able to specify their preferred hardware (Mac vs Windows or something of the sort) and their conditions

## **Stretch Functionality:**

- The ability for users to rate other users and their products
- Implement a machine learning library to show recommended products to users
- A way for providers to implement API's from their own product based websites