# Functional Requirements:

1. Search and Browse Web App
   1. The system will allow users to be able browse shoes by predefined filters.
   2. The system will allow users to search for sneakers by size, brand, year released, and name.
   3. The system will allow users to view most popular 20 sneakers in world currently.
   4. The system will allow users to add favorite sneakers to a wants list.
2. Bidding
   1. The system will allow users to make a bid on a sneaker which is lower than the current asking price by the seller.
   2. Sellers can view bids on their sneaker posting and choose to accept, deny or ignore.
3. Purchase
   1. The system will require user to create an account to be able to purchase sneakers, which will store personal data and payment information.
   2. The system will allow the user to pick the sneaker for purchase at its currently trending price.
   3. The system will verify payment information is correct and active. Once finished shoes will ship to us for verification of authenticity then we will ship to user.

# Nonfunctional Requirements:

1. Operational
   1. The sneaker database will be constructed to facilitate searches by size, brand, year released, and name.
   2. The system will run on any web browser.
   3. In event of failure system will keep last viewed page in stack and reload it automatically.
2. Performance
   1. Download and upload speeds will be at acceptable levels.
3. Security
   1. Customer information will be secured.
   2. Payment will be encrypted and secured.
4. Cultural and Political
   1. No special cultural and political requirements are expected.