**(Organized)**

**User Interface and User Experience:**

Ability to have a comfortable UI.

Ability to have basic tutoring guidance.

Ability to have a greeting when a user enters the website or app.

Ability for users to customize their app experience, such as themes, layouts, or notification preferences.

**Search and Discovery:**

Ability to have a precise and functional filter for all kinds of categories.

Ability to rank sellers with regard to their ratings.

Ability to set the range of the goods.

Ability to have a search bar.

Ability to provide suggestions that are related to the user's preference.

Ability to show goods that are on sale or seasonal.

Ability to show real pictures of the product.

Ability to have a clear and accurate description of the product.

Ability to save "favorite" sellers.

**User Profile and Preferences:**

Ability to set and save the user's own preference.

Ability to have a user profile page.

**Commerce and Transactions:**

Ability to have a reliable payment system.

Ability to choose the preferred payment method.

Ability to notify both users and sellers of the confirmation of the transaction.

Ability to send email for confirmation.

Ability to have multiple choices for sending the confirmation.

Ability to allow users to check the shipment status

Ability to allow users to return the goods.

**Seller and Product Ratings:**

Ability to have a seller rating system for users.

Ability to allow users to make comments and rates for their purchases.

Ability to provide a system for reporting and moderating reviews.

Ability to integrate with other social apps for sharing with their friends.

**Communication and Interaction:**

Ability to have an online chatting system.

Ability to have a real-time chat server.

**Security and Privacy:**

Ability to ensure the security of the user's information.

Ability to ensure the safety of payment.

Ability to register and log in securely.

Ability to have password reset and recovery options.

Ability to provide two-factor authentication methods for added security.

**System Requirements organized by subsystem:**

**1. User Interface and User Experience:**

1.1The user should see a comfortable UI.

1.1.1 The user should have basic tutoring guidance.

1.1.2 The user should see a greeting when he enters the website/app.

1.1.3 The user should be able to customize their website/app experience, such as themes, layouts, or notification preferences.

1.1.4 The page should be as simple as possible and available functions should be as obvious as possible.

**2. Search and Discovery:**

2.1 Ability to have a search bar.

2.2 Ability to have a precise and functional filter for all kinds of categories.

2.2.1 Ability to set the range of the goods.

2.2.2 Ability to rank sellers with regard to their ratings.(See 5.1)

2.2.3 Ability to rank products regarding their prices.

2.3 Ability to provide suggestions that are related to the user's preference.

2.4 Ability to show goods that are on sale or seasonal.

2.5 Ability to have a clear and accurate description of the product.

2.5.1 Ability to show real pictures of the product.

2.5.2 Ability to show detailed parameters and configuration of electronic products.

2.6 Ability to save "favorite" sellers.

**3. User Profile and Preferences:**

3.1 Users should be able to set and save the user's own preference.

3.2 Users should be able to have a user profile page.

3.3 Users should be able to see other users profile they might know or are interested

**4. Commerce and Transactions:**

4.1 Users can use a reliable payment system.

4.1.1 Users can choose the preferred payment method.

4.2 Ability to notify both users and sellers of the confirmation of the transaction.

4.2.1 Ability to send email for confirmation.

4.2.2 Ability to have multiple choices for sending the confirmation.

4.3 Ability to allow users to check the shipment status

4.4 Ability to allow users to return the goods.

**5. Seller and Product Ratings:**

5.1 Ability to have a complete seller rating system for users.

5.1.1 Ability to allow users to make comments and rates for their purchases.

5.1.2 Ability to provide a system for reporting and moderating reviews.

5.2 Ability to integrate with other social apps for sharing with their friends.

**6. Communication and Interaction:**

6.1 Users can use the online chatting system.

6.1.2 Users can create chat groups between users and sellers.

6.1.3 Users can ask the customer service for additional help.

6.1.4 Users can send images, videos and audios through the system.

6.2 Ability to have a real-time chat server.

6.2.1 Users can check message history anytime.

**7. Security and Privacy:**

7.1 Ability to guarantee the safety of the app.

7.1.1 Ability to ensure the security of the user's information.

7.1.2 Ability to ensure the safety of payment.

7.1.3 Ability to register and log in securely.

7.1.3.1 Ability to have password reset and recovery options.

7.1.3.2 Ability to provide two-factor authentication methods for added security.