#### US1 Menu

The menu button should be clearly visible and accessible from any screen.

Users should be able to switch between different UI categories with ease.

The UI categories should be organized and labeled in a way that is easy to understand.

#### US2 App reliability

The app should have a reliability rate of at least 90% for successful running.

The app should not be interrupted by other apps while running.

The app should be compatible with popular browsers and operating systems.

### US3 Setup Language

The app should allow users to easily set up the language they prefer.

The language options should include popular languages like Chinese and English.

The language setting should apply to all parts of the app.

#### **US4** Welcome Screen

The app should display a welcoming interface that includes the app's icon.

The welcome screen should be visually appealing and easy to navigate.

The welcome screen should not cause any delay in opening the app.

### **US5** Language Switch

The app should allow users to easily switch between languages.

The content of the app should be clear and easy to understand regardless of the language being used.

The language switch should be accessible from any screen.

### **US6** Warning Message

The app should display a warning message before performing operations that could result in data loss.

The warning message should clearly explain the potential consequences of the operation.

The warning message should give users the option to cancel the operation if desired.

## **US7 Account** The app should allow users to create and manage their account settings. User information should be stored securely and kept private. The app should remember user preferences across different devices. **US8** Photograph The app should have a photo feature that allows users to retrieve more content. The photo feature should be easy to access and use. The photo feature should provide accurate and useful information. **US9 Picture Viewer** The app should include pictures to help distinguish different types of garbage. The pictures should be visually appealing and easy to understand. The pictures should be accessible from any screen. US10 Word description The app should provide detailed text descriptions of different types of garbage. The descriptions should be easy to understand and provide useful information. The descriptions should be accessible from any screen. **US11 Help Button** The app should include a help page that provides assistance when needed. The help page should be easy to access and navigate. The help page should include clear instructions and explanations. **US12 About** The app should display information about the app's version and release date. The information should be easy to find and understand. The information should be accurate and up-to-date.

# US13 UI The app should have a visually appealing and easy-to-use UI design. The UI design should be consistent across all screens. The UI design should be intuitive and easy to navigate. US14 Upload picture The app should allow users to upload a profile picture. The upload function should be easy to use and understand. The picture should be displayed clearly and accurately. **US15 Settings** The app should allow users to customize their settings. The settings should be easy to find and understand. The settings should include options for personal preferences. **US16** Register The app should allow users to create a nickname for their account. The app should allow users to save their personal information, such as their email address, on the app. The app should not ask users to re-enter their information when they switch devices. **US17 Searcher** The app should allow users to search for an item to find out what category it belongs to. The search function should be easy to use and understand. The search results should provide accurate and useful information. **US18 Text editor** The app should allow users to search by editing text. The text editor should be easy to use and understand.

The search results should provide accurate and useful information.

**US19 Password Change Function** 

The app should allow users to change their password at any time.

The password change function should be easy to use and understand.

The password change function should require users to confirm their new password to prevent errors.

US20 Exit Screen

The app should display a "goodbye, see you next time" sentence when the user closes the app.

The exit screen should be visually appealing and easy to understand.

The exit screen should not cause any delay in closing the app.

US21 Clickable picture

The app should allow users to click on a picture to access detailed spam classification information.

The clickable picture should be easy to find and use.

The detailed information should be accurate and useful.

**US22 Logout Function** 

The app should allow users to log out of their account.

The logout function should be easy to find and use.

The app should provide a confirmation message before logging the user out.

**US23 Records** 

The app should allow users to create their own trash notepad.

The notepad should be easy to use and understand.

The notepad should include options for organizing and categorizing records.