***(Note: SP representing the “story point”, evaluated by a Fibonacci sequence (1, 2, 3, 5, 8). The Risk is evaluated by the uncertainty of requirement, core function and technical difficulty.)***

**Items**

US 01.01.01  
As an owner, I want to add an item to my items, with a date of purchase or acquisition, brief description, make, model, serial number (if applicable), estimated value, and comment.

SP:3

Risk: high (core function / which category can be left to blank, which one must be filling in when creating a new record)

US 01.02.01  
As an owner, I want to view an item and its details.

SP:1

Risk: low

US 01.03.01  
As an owner, I want to edit the details of an item.

SP:2

Risk: low

US 01.04.01  
As an owner, I want to delete an item.

SP:1

Risk: medium (in which kind of operation to delete)

**List of Items**

US 02.01.01  
As an owner, I want to see a list of my items.

SP:1

Risk: high (core function)

US 02.02.01  
As an owner, I want to see the total estimated value of the shown items in the list of items.

SP:1

Risk: low

US 02.03.01  
As an owner, I want to select items from the list of items and delete the selected items.

SP:2

Risk: low

US 02.04.01  
As an owner, I want to sort the list of items by date, description, make, or estimated value by ascending or descending order.

SP:3

Risk: medium (technical challenges)

US 02.05.01  
As an owner, I want to filter the list of items by date range.

SP:3

Risk: medium (technical challenges, what kind of date structure should be used)

US 02.06.01  
As an owner, I want to filter the list of items by description keywords.

SP:2

Risk: low

US 02.07.01  
As an owner, I want to filter the list of items by make.

SP:2

Risk: low

**Tags**

US 03.01.01  
As an owner, I want to define tags that can be used to categorize items.

SP:2

Risk: medium (core function)

US 03.02.01  
As an owner, I want to specify one or more tags for an item.

SP:1

Risk: low

US 03.03.01  
As an owner, I want to select items from the list of items and apply one or more tags to the selected items.

SP:1

Risk: low

US 03.04.01  
As an owner, I want to sort the list of items by tags.

SP:2

Risk: medium (what to do with item that having more tags)

US 03.05.01  
As an owner, I want to filter the list of items by tags.

SP:2

Risk: low

**Photographs**

US 04.01.01  
As an owner, I want to take photos using the camera from the app, and attach one or more photographs to an item of mine.

SP:5

Risk: medium (are these photos all come from the camera, core function)

US 04.02.01  
As an owner, I want to use photos from my photo gallery, and attach one or more photographs to an item of mine

SP:3

Risk: low

US 04.03.01  
As an owner, I want to delete an attached photograph for an item of mine.

SP:1

Risk: low

**Scanning**

US 05.01.01  
As an owner, I want help to specify the serial number for an item by automatically identifying the number from an image taken by the camera.

SP:8

Risk: high (technical challenges ,core function)

US 05.02.01  
As an owner, I want help to specify the description for an item by automatically identifying the product barcode from an image taken by the camera and using associated product information.

SP:5

Risk: high (technical challenges ,core function)

**User Profile**

US 06.01.01  
As a user, I want a profile with a unique username.

SP:2

Risk: high (core function, this mean s a login page is needed, need to verify the uniqueness of username.)