**Swaqly Requirements Analysis Document (RAD)**

* 1. Purpose of the system :
* **Purpose for seller :**

**The seller can put his unused items on the server to be available to the people who want to buy it OR exchange it with other items.**

* **Purpose for buyer :**

**The buyer can search for certain item in specific category or by keyword in server which he interested to buy it.**

* 1. **Scope of the system**

**Android users only who can use this application.**

* 1. **objectives and success criteria :**

**The objectives of this project:**

* **Provide simple and fast application (starting application maximum in 10 sec and response time for a certain request no exceeds 2 sec) .**

**The success criteria of this project:**

* **Swaqly Executable is available in the end of this semester on store**
* **Swaqly Executable runs on android system.**

**2.0 Current system:**

**this no system.**

**3.0 Proposed system**

**3.1 Overview :**

**Anyone signup with email or Facebook account.**

**User can access his ads and update them , add an ad or remove it , User can Make list for saving provided ads , User can do both buy and sell , seller has to choose a category of the product he wants to sell A category may not has a list of subcategories that the user chose to the seller fill a form of the product info for easy contacting him buyer can search for products by a searching keyword or by selecting the category , Once a product is chosen , the form filled by the product provider is opened where the buyer can see the product details the provider can send his offer and he will be added to his chatting list , seller can select if this product is exchangeable or not , Buyers can filter products from the beginning by exchangeable or not .**

**3.2 Functional Requirements :**

* **Download application**

**The user download application from play store and run it.**

* **User sign up :**

**User can sign up with email or Facebook account.**

* **Buy from Market:**

**User can choose the item which who want to buy it and system add it in his wish list.**

* **Search for item :**

1. **Search by category.**
2. **Search by keyword.**

* **Show details of the item**

**This function show the details and description of the item (ex.name , price , category , exchangeable or not ,… )**

* Update wish list:

1. **Add in wish list :**

**When the user want to buy an item this function add it on his wish list.**

1. **Remove from wish list:**

**The user specify the item he want to remove form his wish list.**

* Update sell list:
  1. **Add in sell list:**

**When the user want to sell an item he don’t need it this function add the item in the sell list.**

* 1. **Remove from sell list:**

**The seller can remove an item from his sell list if any one buy it or he doesn’t want to sell it.**

* Update item:

**The seller can edit any information about his item**

**Ex(price ,name ,… etc. )**

* Exist:

**Terminate the application.**