

## Team 7

### Project Phase 1 Requirements & UI Design

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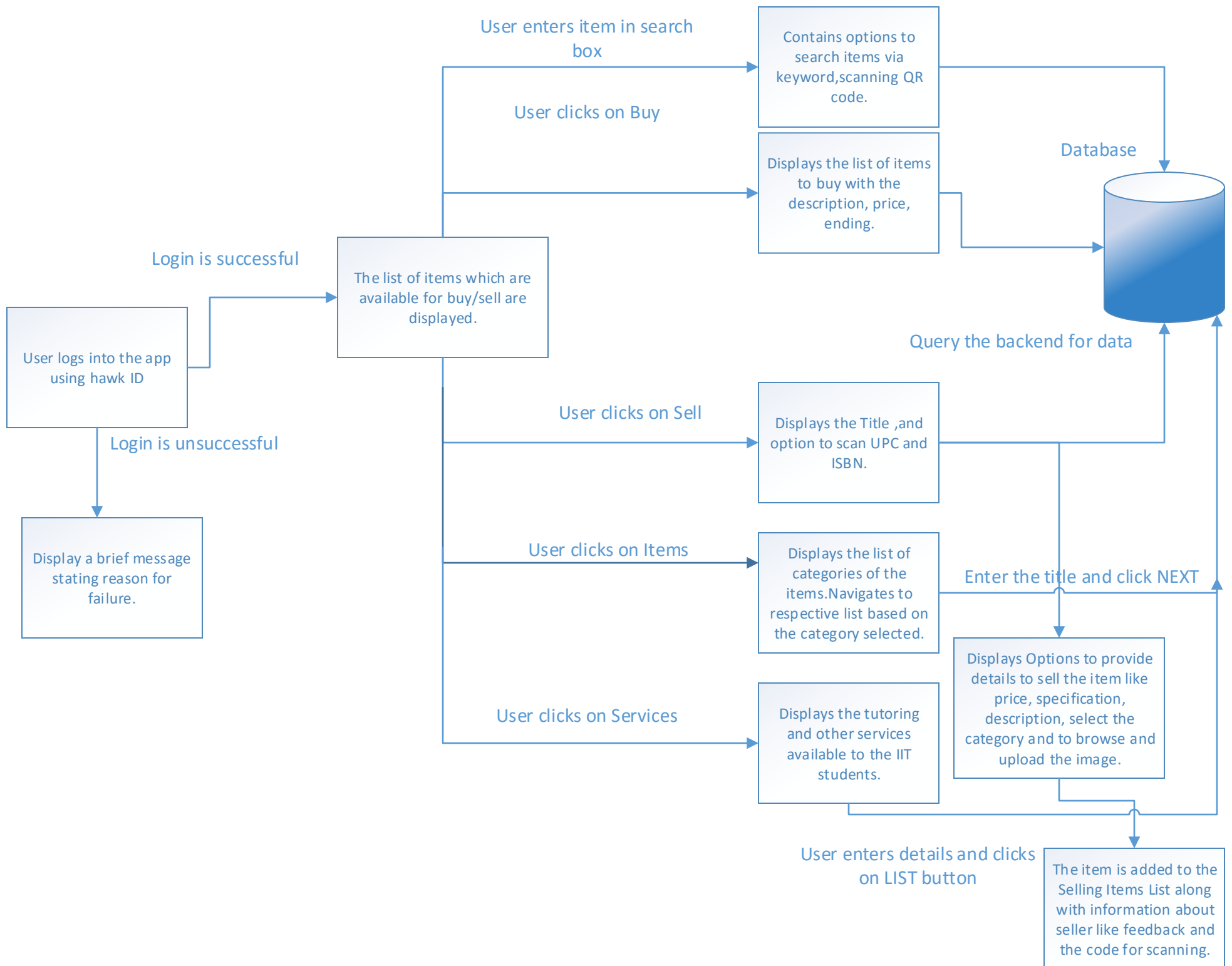
**Description**

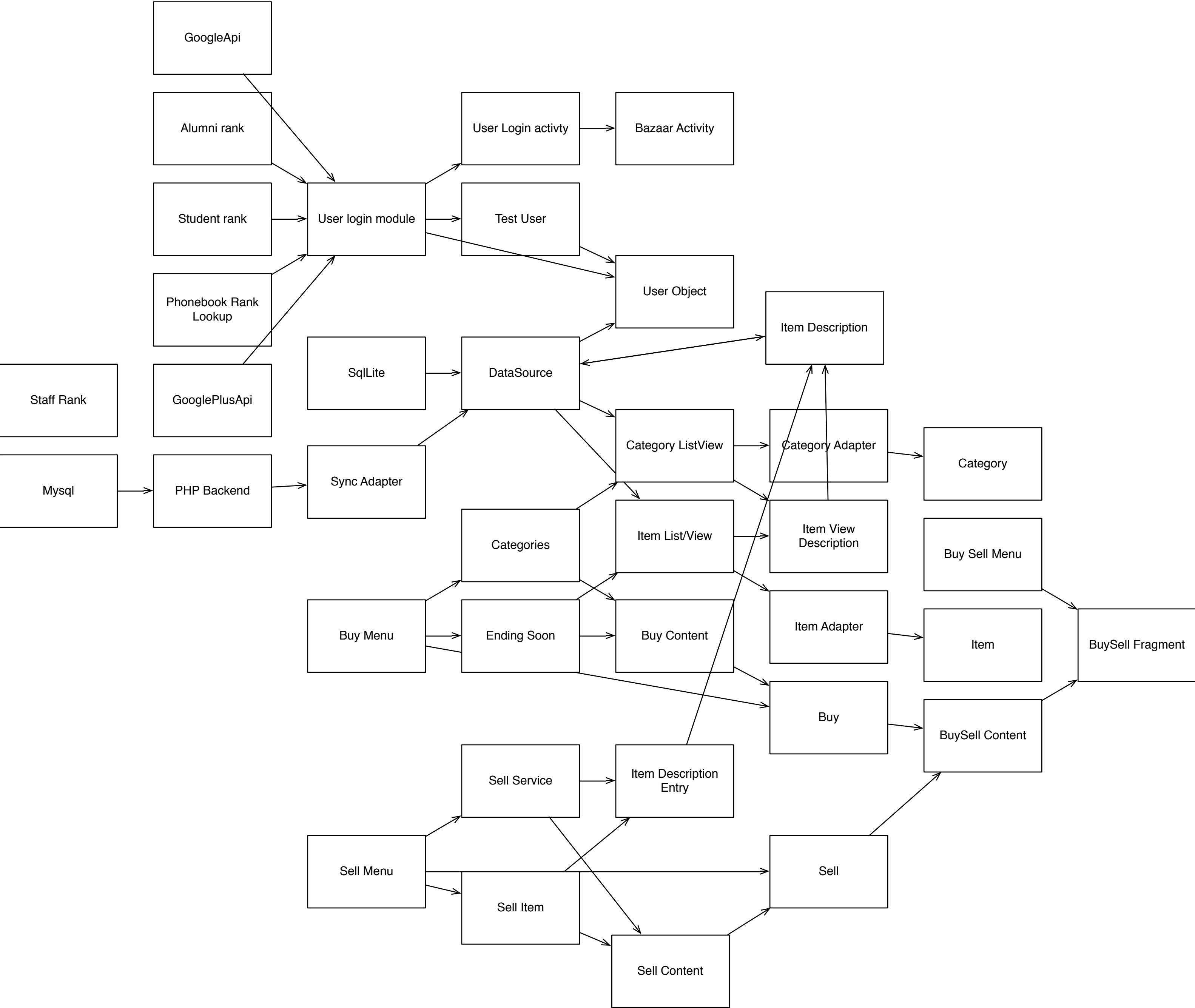
Project phase 1 answers what to do and this phase 2 you will decide how to do and then do it. In this phase, you have to design the whole application and complete main features coding work. Since it's teamwork, you have to split the work to each member.

**1. Design your application**

Design is on the next page

Flow diagram is on the next page





## **2. Complete all main features**

Items marked as Feedback have been cut from main implementation due to time constraints.  
Listing of all main features, support tasks and bug testing are on the next page.  
Additional testing is listed in the next section.

## IIT Bazaar - Issues

#	Tracker	Status	Priority	Subject	Assignee
56	Bug	New	Normal	Test login matrix	Ernesto Garcia
55	Bug	Closed	Normal	Item Insertion - Basic	Ernesto Garcia
54	Feature	Closed	Normal	Add a bypass user	Ernesto Garcia
53	Support	Closed	Normal	Procure an integration environment/device	Janusz Nosek
52	Bug	New	Normal	Routing problem to mysql	Janusz Nosek
51	Support	Closed	Normal	Procure server with development platform	Janusz Nosek
50	Support	Closed	Normal	created preliminary test cases	Swathi Shenoy
49	Support	Closed	Normal	Create High Level Flow Diagram	Swathi Shenoy
48	Feature	Closed	Normal	Creating Sell Fragment Layout	Swathi Shenoy
47	Bug	New	Normal	Rewrite/refactor top tool bar from chap10 earthquake inclass asisgnment	Janusz Nosek
46	Feature	Closed	Normal	Test item switching	Janusz Nosek
45	Feature	Closed	Normal	Test horizontal/vertical orientation	Janusz Nosek
44	Feature	Closed	Normal	Test basic google login	Janusz Nosek
43	Feature	Feedback	Low	Create UPC datasource lookup	Janusz Nosek
42	Feature	Feedback	Low	Create ISBN lookup data source	Janusz Nosek
41	Feature	Closed	Normal	Create database adapter	Swathi Shenoy
40	Feature	In Progress	Normal	Implement item entry workflow	Ernesto Garcia
39	Feature	Feedback	Normal	Implement barcode IO encoding and decoding system.	
38	Feature	In Progress	Normal	Create watchlist	Janusz Nosek
37	Feature	In Progress	Normal	Design remote database	Ernesto Garcia
36	Feature	Closed	Normal	Create base login activity using google login	Janusz Nosek
35	Feature	Closed	Normal	Transfer IIT fonts	Janusz Nosek
34	Feature	Closed	Normal	Transfer iit color schemes	Janusz Nosek
33	Feature	Closed	Normal	Create clear/x icon	Janusz Nosek
32	Feature	Closed	Normal	Create refresh icon	Janusz Nosek
31	Feature	Closed	Normal	Create No-Picture placeholder icon	Janusz Nosek
30	Feature	Closed	Normal	Create spyglass icon	Janusz Nosek
29	Feature	Closed	Normal	Create arrow icon	Janusz Nosek
28	Feature	Closed	Normal	Create login icon	Janusz Nosek
27	Feature	Closed	Normal	Create icon	Janusz Nosek
26	Support	New	Normal	Create phase one document	Janusz Nosek

#	Tracker	Status	Priority	Subject	Assignee
25	Support	New	Normal	Draw system diagram	Janusz Nosek
24	Support	New	Normal	Create ticket management system	Janusz Nosek
23	Support	New	Normal	Create git repository	Janusz Nosek
22	Feature	In Progress	Normal	Retrieve and show top 100 items.	Ernesto Garcia
21	Feature	In Progress	Normal	Integration of login system and account creation	Janusz Nosek
20	Feature	Closed	Normal	Set up Mysql Database	Janusz Nosek
19	Feature	Closed	Normal	Implement student rank major/rank retrieval system	Janusz Nosek
18	Feature	In Progress	Normal	Add local database system	Ernesto Garcia
17	Feature	New	Normal	Add connection system for remote database	Janusz Nosek
16	Feature	New	Normal	Investigate and create fragment flow from clicking on item list to description	Janusz Nosek
15	Feature	Closed	Normal	Investigate clicking system for recyclerView	Janusz Nosek
14	Bug	New	Low	Arrows not appearing in lists	Janusz Nosek
13	Feature	Feedback	Normal	Create the search fragment	Efthimios Atsaloglou
12	Feature	New	Normal	Create a list entry fragment	Janusz Nosek
11	Feature	Closed	Normal	Create description removal fragment	Swathi Shenoy
10	Feature	Feedback	Normal	Create item picture lightbox fragment	Efthimios Atsaloglou
9	Feature	Closed	Normal	Create bottom button fragment for item description	Janusz Nosek
8	Feature	In Progress	Normal	Create picture removal fragment	Ernesto Garcia
7	Feature	Closed	Normal	Create contact seller fragment	Ernesto Garcia
6	Feature	Closed	Normal	Create a dialog box for picture selection when creating item	Ernesto Garcia
5	Feature	Closed	Normal	Create item entry fragment	Janusz Nosek
4	Feature	Closed	Normal	Create category list item fragment	Swathi Shenoy
3	Feature	Closed	Normal	Create list of categories	Swathi Shenoy
2	Feature	Closed	Normal	Create item description fragment	Janusz Nosek
1	Feature	In Progress	Normal	Find dynamic database solution with SSL	Janusz Nosek

### 3. Test cases

When you claim a feature completed, you have to define some test cases to validate it. For example if you define a feature like "User can change background color of screen", then you might have following test cases:

Test case number	Test case description	Steps	PASS/FAIL
1.3.1	Login to the app - either authenticate existing user or create an account if new user	1) If the user has a hawk ID and has registered to use the app, then enter hawk ID and password. 2) If not registered, then click on Register	PASS
1.3.2	The side menu options	On click of the hamburger icon, the side menu must load with all the options	PASS
1.3.3	The landing page after login	The list of items which can be bought must be displayed	PASS
1.3.4	Click on the Sell option	On click of the Sell option, it navigates to sell screen where we can enter details like price,description etc	PASS
1.3.5	Click on Services option	On click of Services option, it navigates to Services screen	PASS
1.3.6	Click of the options from various screens	Click on Buy option from Sell Screen or Sell option from services screen and all such combinations. It should navigate to the respective screen	PASS
1.3.7	Data retrieval from back end	Check if data is getting loaded on the screen correctly	PASS



Other test cases are pending.

#### **4. Configuration management**

A computer was provided for development, as well as a integration phone.  
The system contains a full LAMP stack.