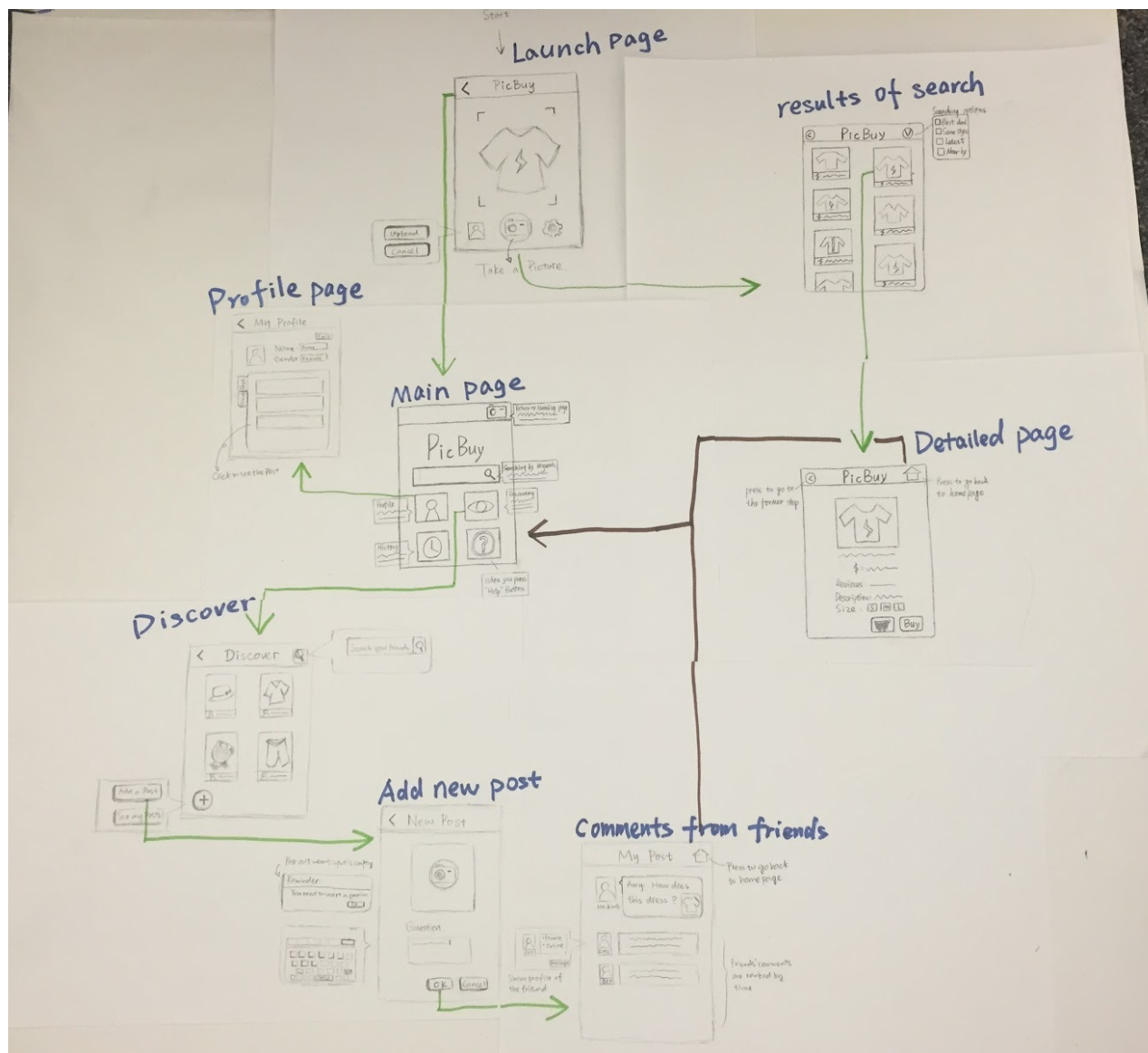# Low-fi Prototype (Group)

Title   PicBuy

Team Jing, Julie, Xiaoyang & Yanjing

Mission Statement
PicBuy leads a new shopping process. We ease the searching process using images, find best deals for customers and build a channel to receive opinions from friends.

Prototype

Prototype Description

Tasks:

image searching, finding best deals and asking friends' opinions.

Workflow:

The application launches on photo-taking screen. After taking a photo, users can view the search results and tap one to see the details. The results can be sorted by options including best deal, nearby, latest, etc. More information about the selected item is displayed on the detailed page. If the user click on the "buy" button, the application will direct the user to the site selling the item.

From the launch page, users can also choose to go to the main page. From the main page, a user can go to:

a. Profile page: the user is able to edit the basic information, see the posts he/she has made on the forum and the list of his friends.
b. History page: the user is able to see the items that he has bought or bookmarked.
c. Discover page: this is the forum that users can post questions to ask for friends' opinions. The user can add a new post with a photo. On each post page, friends' comments are displayed.

On the main page, users can also click on the question-mark button to see the instructions of each buttons. If the user wants to search for a specific item, he can click on the camera button on the top right corner, then he will be redirected to the launch page. In addition, our application still supports searching by keywords. By inputting keywords in the searching bar on the main page.

Summary of Heuristic Evaluation

We have received three heuristic evaluation of our prototype from Dafi, Charles and Zhigang. The summary of the violations on the 10 heuristics are as followed:

visibility of system status:

The function of the page with title "my post" is not clear and the interactions between this page and other related pages are a bit confused. For example, after adding a post, user should be directed to some page that lists all his or her own post, which however is shown in the user's profile page.

match between system and real world:

On the detail page, since the user are not supposed to buy directly from the app, a 'cart' button doesn't imply a real life "cart".

user control and freedom:

Some pages lack the option for users to go back to the home page.

consistency and standards:

As for the page titles, some pages have the name of the app while other pages use the function of the page. The use of back button is not consistent on some pages. There are two searching icons

presents two different functionalities (one on the home page for searching for products, and the other one on the "Discover" page is for searching for friends).

error prevention:
It will be better to create a confirmation dialog before users submitting a new post or buying an item.

recognition rather than recall:
It will be better to display a user's posts list right after they submit a new post, and latest post is on top of the posts list.

flexibility and efficiency of use:
It will be better to have a shortcut to menu on each screen for experienced users. As illustrated in the first heuristic, the flow of adding a post needs to be refined.

aesthetic and minimalist design: No severe violation here.

help users recognize, diagnose, and recover from errors:
There's only one error handling in our prototype.

Help and documentation: No severe violation here.

Revised Prototype
—newly added pages or transitions are marked by red box.
—revised titles and buttons are marked by yellow tags.

Launch Page

results of search

A new page is added to show items the user bought and liked.

Profile page

History

Main page

PicBuy

Detailed page

Discover

Replace "cart" with "Liked" option

Add new post

Comments from friends

A page listing all his or her posts is added. New comments are notified. The user can view comments by clicking on a post.

New pages are added to support the function of searching for friends.

The user is directed to this page after adding a new post or clicking on the "see post" button on the Discover page