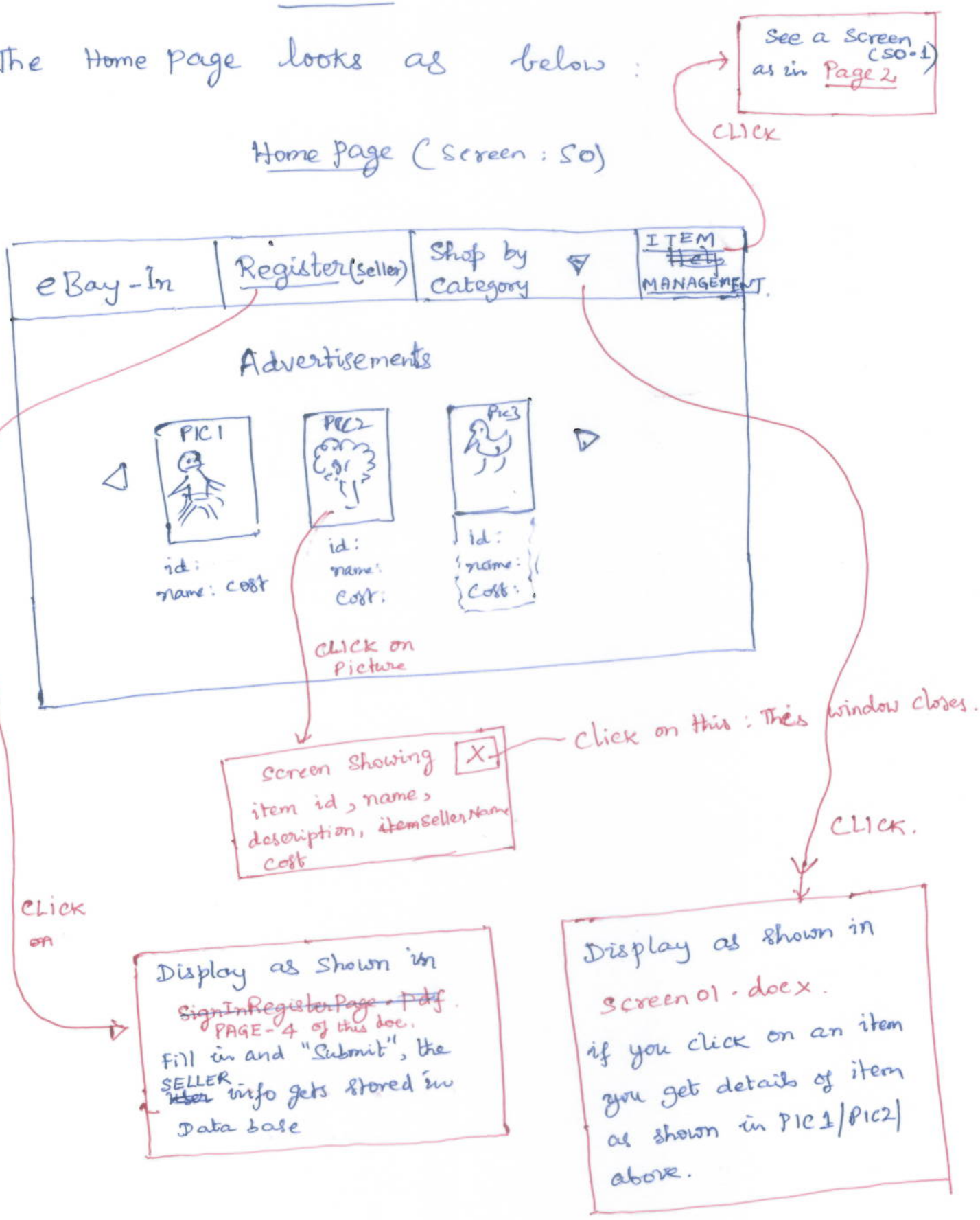
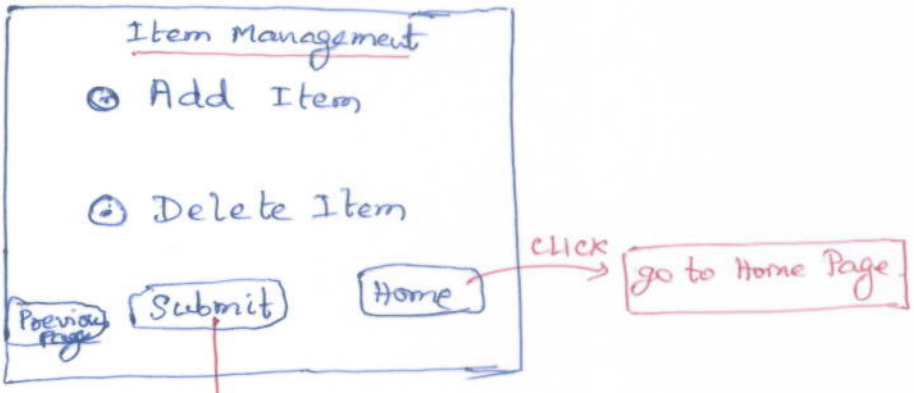
GUI

The Home page looks as below :



Screen (S0.1) ... (From item Management)



click.

Delete item

Screen S0.1.1

item key : ▭ ← (input)

item Name : — ← (RESPONSE, Pick from DB)

Submit Home

click

(item deleted), Go to Previous page)

Add item.

Screen S0.1.2

Enter item Details

item id : ▭

item name : ▭

item description : ▭

Picture : ▭ Browse..

Seller id : ▭

Price : ▭

Advertising items : YES/NO ← Select from drop down

Category Name : ▭ ▽

Sub.category Name : ▭ ▽ ← Select from drop down

Additional Field 1 : ▭ (String)

Additional Field 2 : ▭ (string)

Surrogate key is : ▭

Previous Submit Home

When a Category Name is Choosen, the corresponding Sub-category Names should appear in the drop down.

all these details are stored in Item Table.

System Response after clicking Submit.

This will be explained in class. Right now enter some strings.

CLICK, Simple Validations done (See NOTE, Page 4)
If OK, info stored in DB. A Surrogate key is automatically generated.

Data Base Schema

Item Table

(id, name, description, Picture_Reference *1, Seller-id, Price,

Category Name, Sub-category Name, Add-Field 1, Add-Field 2,

item-surrogate Key *2, Advt-item *3)

Note *1 :

The reference is file address in which picture is stored. To get the pic, use this reference and get it.

Note *2 : 'surrogate key' is to be automatically generated. This acts as "Primary Key" for Table, For details refer : Professor R.C.'s Notes.

Note *3 : "Advt-item" - this is boolean. In the "Home page" ONLY the advt. items will appear. In Screen SO-1-2., if "Advertising item" is set as "YES", this field will be "TRUE". Else it is "False".

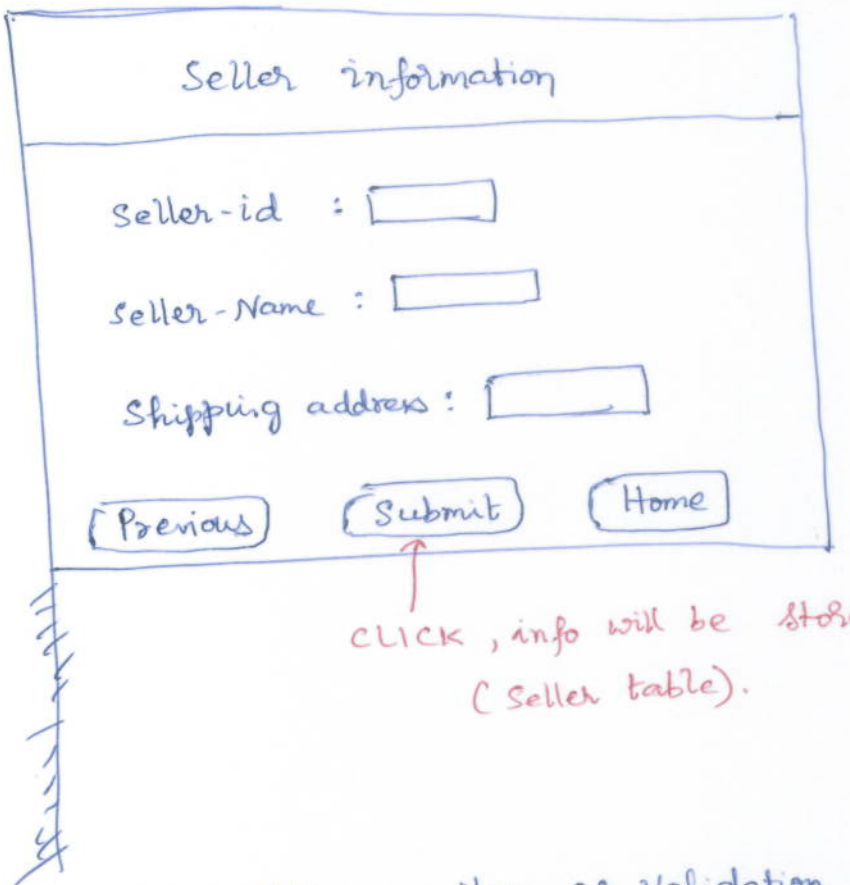
Seller Table

(id, name, ~~item-id~~ address_shipping, seller-surrogate key)

item - Seller Link Table :

(item-surrogate key, Seller-surrogate key)

GUI for "Register". [Seller info].



NOTE : (1) While adding an item as validation the entered "Seller-id" in Screen SO.1.2 is checked for an entry in "Seller Table". If it is not true and Error is flagged.

(2) Once correct entries in Screen SO.1.2 are "Submitted". an entry in "item-Seller Link Table" is made.

~ O ~.