I7 Image of Home page

No.	Name&Describe	Input	Input Type	Output
FR2	Offer sell options	User click "sell" button in I7		Navigate to sell request page as I8. Including two buttons: "Consignment" and "Auction"
FR2.1	offer "Submit consignment request" page	user click "Consignment" button in I8		Navigate to consignment request page as I9. Including filling boxs of Name, description and price and a "submit" button
FR2.1.1	Submit consignment request	user click "submit" button, 3 strings	strings	If string not empty, call FR2.1.1.1, or back to FR2.1
FR2.1.1.1	Save reqest	Strings of selling detail	Strings	save informations to database
FR2.2	offer "Submit auction request" page	user click "Auction" button in I8		Navigate to auction request page as I10. Including filling boxs of Name, description, base price, up limit, deadline and a "submit" button
FR2.2.1	Submit auction request	user click "submit" button, 5 strings	strings	If string not empty, call FR2.1.1.1, or back to FR2.2

I8 image of Sell options page

sell options

Consignment
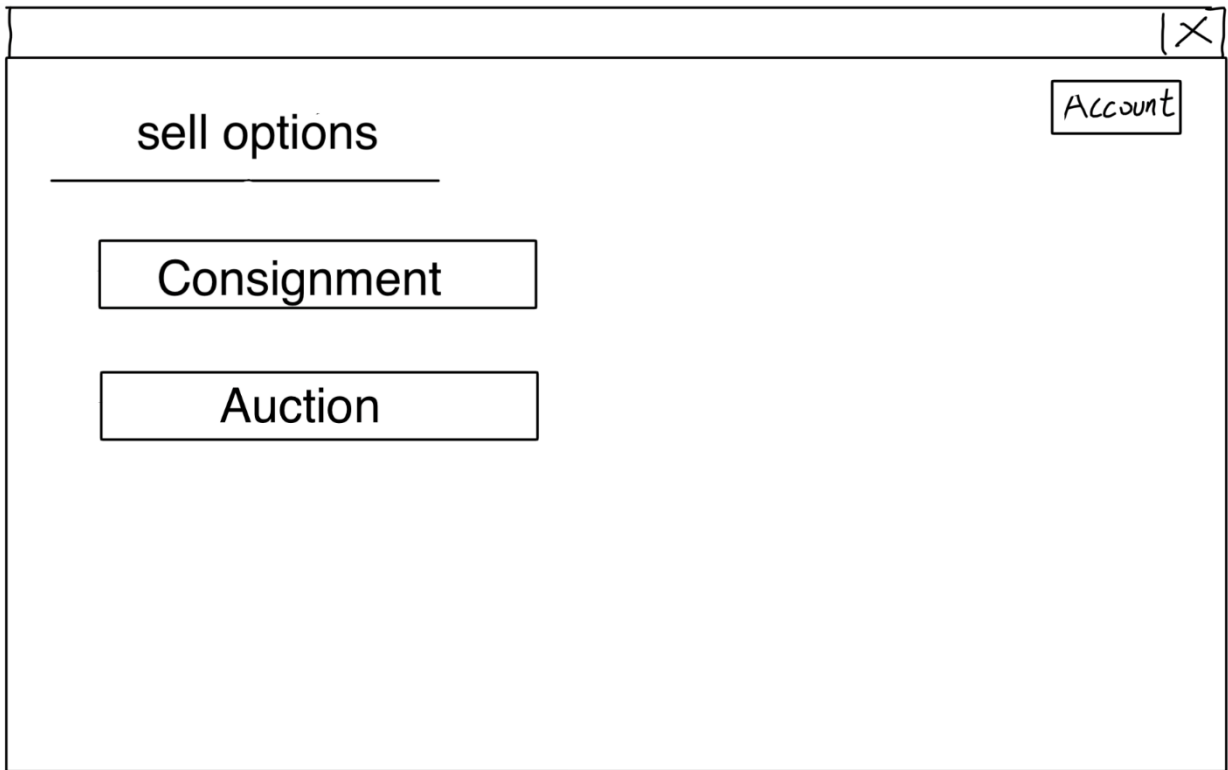
Auction

Account

I9 Image of consignment request filling

Consignment

Name

Description

Price

submit

I10 Image of Auction request filling
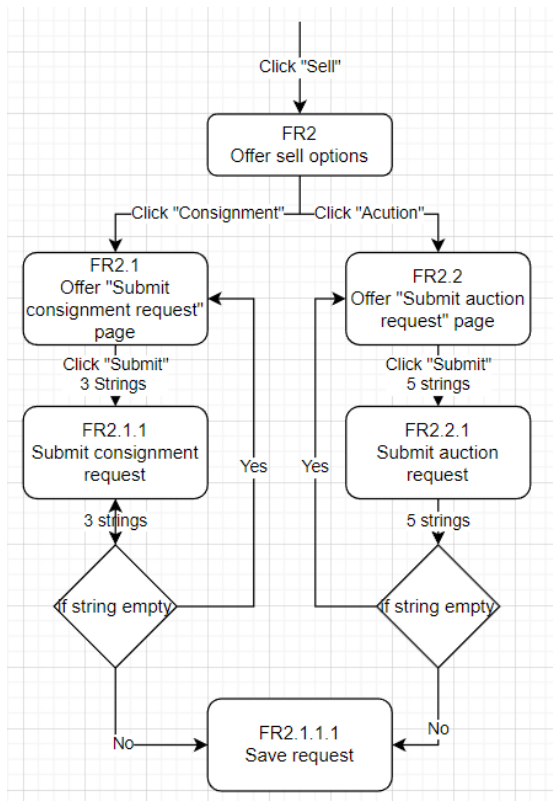
Auction

Name

Dead Line

Description

Price   Low limit

submit

Price   Low limit

Data Flow Char for FR2 Offer sell options

No.	Name&Describe	Input	Input Type	Output
FR3	Offer Administrator interface	User click "manage" button in I7		Navigate to Administrator page as I11. Including three bottons: "Selling requests", "Returns" and "reports"
FR3.1	Offer selling request list	User click "selling requests" button in I11		Navigate to requests list page as I11.1, showing requests in database, each request is in a editable box and have "approve" button beside, having a save button below list
FR3.1.1	Edit item info	User click "save" in I11.1, all strings in list of I11.1 are inputs	strings	Save all strings, overwrite the orignal strings
FR3.1.2	Approve unproved reqeust	User click any "approve" button in I11.1		call FR3.1.2.1 with clicked item id, and then reflash the list I11.1
FR3.1.2.1	Change merchandise	item id	integer	overwirete orignal string, if request type is "auction" call FR3.1.2.1.1

	state to "selling"			
FR3.1.2.1.1	Set timer for auction	item id	integer	Set timer based on data, call FR3.1.2.1.1.1 when times up
FR3.1.2.1.1. 1	Get paid and notice seller	item id	integer	if buyer exist, call GetPaid(), then write notice with item seller id to database
FR3.2	Offer error reports list	User click "reports" in I11		navigate to Error report list, display errors as I11.2
FR3.3	View returning request List	User click "Returns" in I11		Navigate to return request page as I11.3, include each report in each box and "confirm" button and a "save" button
FR3.3.1	Edit return requests	User click "save" in I11.3, all string in list	strings	Save all strings, overwrite the orignal strings
FR3.3.2	Call payback()	User clike any"confirm" button in I11.3		Call FR3.3.2.1 with item id
FR3.3.2.1	Save information of return	Item id	integer	Save information to database, call FR3.3.2.1.1
FR3.3.2.1.1	Update the reputation	item id	integer	save new calculated reputation with seller id

I11 Image of manage interface manu

Manage
_____

selling requests

reports
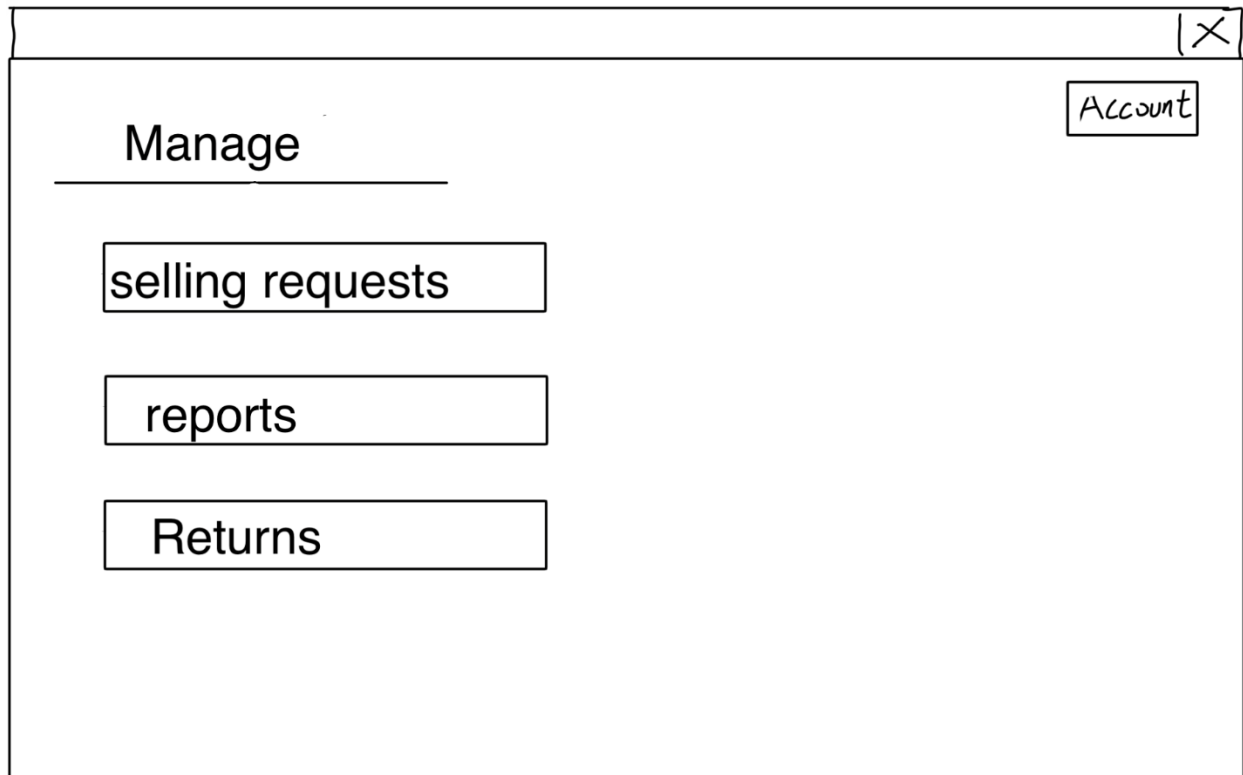
Returns

Account

I11.1 Image of selling requests page

Requests
_____

Account

1. Pen
Great condition

$4

approve

2. Car
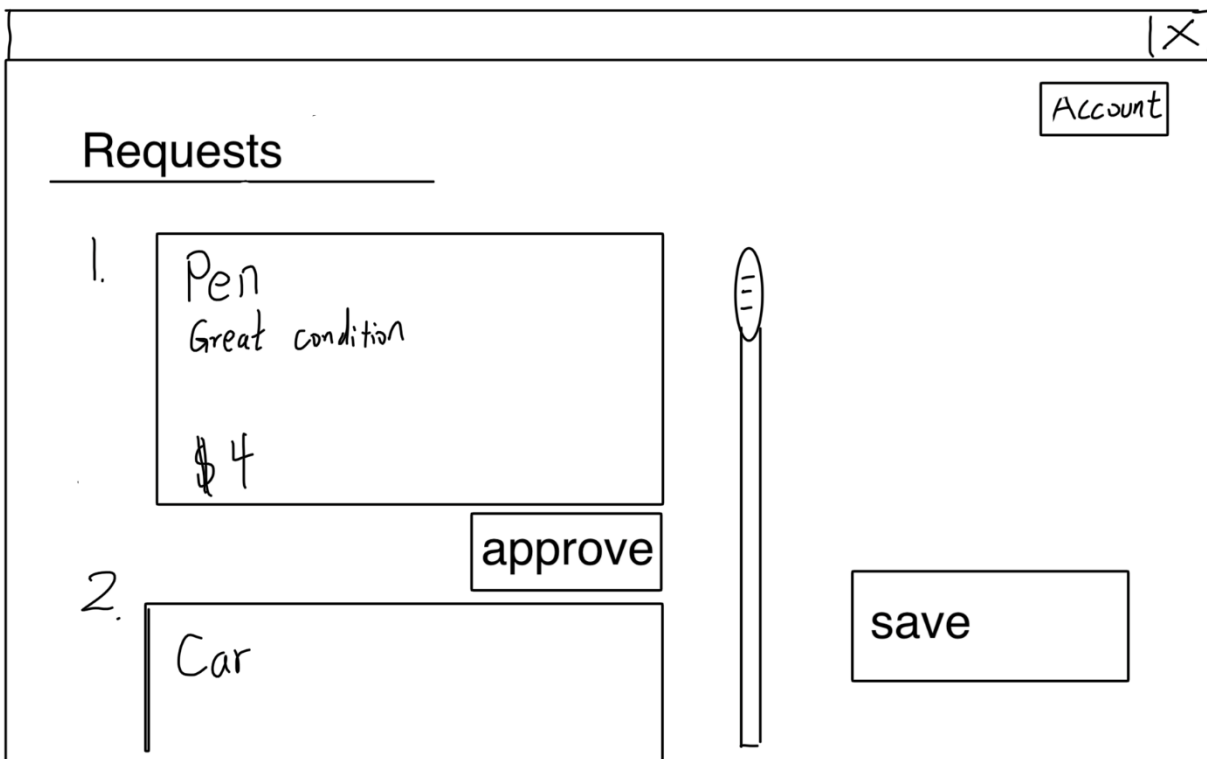
save

I11.2 Image of reports

Reports

1. Stuff A
   Boss, can you handle
   purchase 1 3 3 2 9 4 3 8 ?

2. Stuff D

Account

I11.3 Image of Return requests

Return Requests

1. Pen
   Item not as described

   $4

   Confirm

2. Apple pencil

Account

save

Image of Data Flow Char for FR Offer Administrator interface

```
                    FR3
              Offer Administrator
                  interfac

        Click "selling requests"          Click "reports"              Click "Returns"

             FR3.1                      FR3.2                      FR3.3
        Offer selling request      Offer error report List    View return request
             List                                                  List

                                                    Click "save"
      Click "save"  Click "approve"                                    Click "comfirm"
        strings
                          FR3.1.2                    FR3.3.1
                     Approve unproved            Edit return requests
          FR3.1.1        reqeust
        Edit item info
                                                                       FR3.3.2
                          item id                                   Call Payback()
                                                      Item id
                         FR3.1.2.1
                     Change merchandise
                     state to "selling"
                                                    FR3.3.2.1
                                                    Save return
                                                    information
        FR3.1.2.1.1       if approved
      Set timer for     ─Yes─  request is
        auction              auction               Item id

      (when times up)        No
        item id                                   FR3.3.2.1.1
                                                 Update the reputation
       FR3.1.2.1.1.1
      Get paid and notice
          seller
```