

APPLICATION DEVELOPMENT FOR MOBILE DEVICES (CS 780)

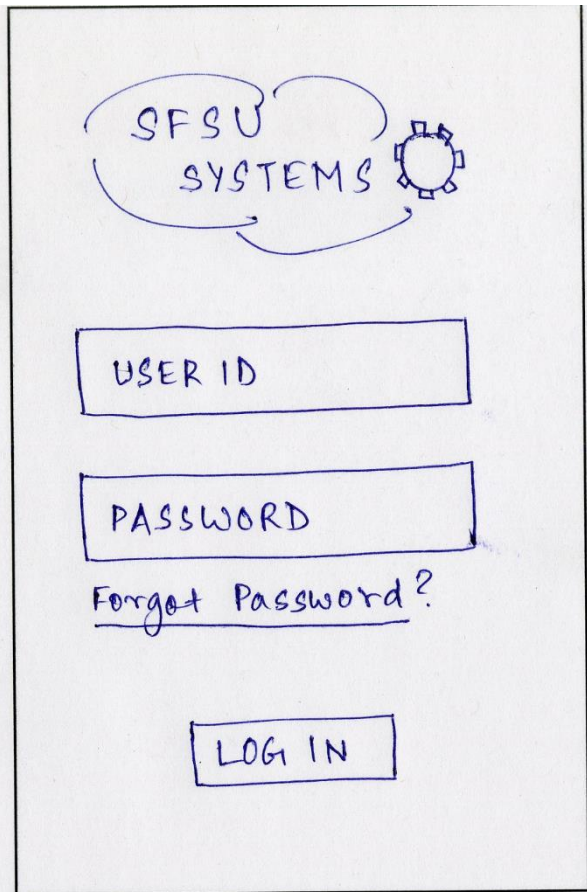
DESIGN DOCUMENT: SFSU SYSTEMS

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Overview:

The SFSU Systems android application is designed for the inventory maintenance of the machines in library. This helps system administrators and tech support to retrieve the information quicker and maintenance becomes easy. Every machine in the library is barcoded. The app user can easily scan the barcode on the machine to lookup the information required and modify them, if required.

1) HOME SCREEN



This is the screen that appears first when user starts the application.

It's a simple login screen.

There is NO SIGN UP as this application is invite only.

2) MAIN SCREEN

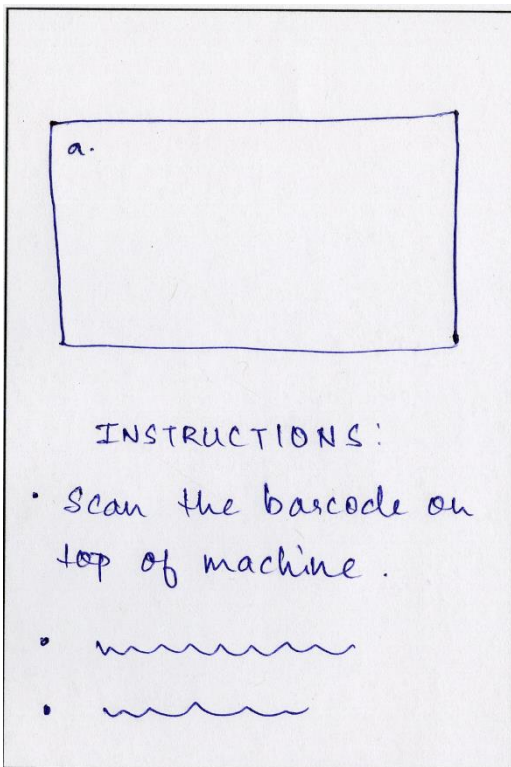


This is the main screen that appears when a user is able to login successfully.

It has three big buttons.

- a) SCAN IT: Redirects the application to screen to scan a barcode.
- b) GO TO INVENTORY: View inventory
- c) PROFILE: View the current user information and modify, if required.

3) BARCODE SCAN VIEW



This screen allows a user to scan a barcode.

It will include the barcode scanning instructions

The empty box here depicts barcode scanning using camera access.

4) SUCCESSFULL SCAN

SCANNED IT !!

TYPE : Computer
NAME : LIB-SAO1
IP : 130.212.1.2
MODEL : DELL NX
YEAR : 2008
OS : WIN 7 32-bit

After a successful scan the details of the particular machine will be displayed as shown.

Two buttons EDIT and DELETE are available.

On selecting EDIT the user is directed to screen 5.

On selecting DELETE the user is prompted with a confirmation dialog:

ARE YOU SURE?

YES: the item is deleted and user is displayed a toast message.

NO: the dialog is removed and user is back to the same screen

5) EDIT

EDIT

TYPE :

NAME :

IP :

MODEL :

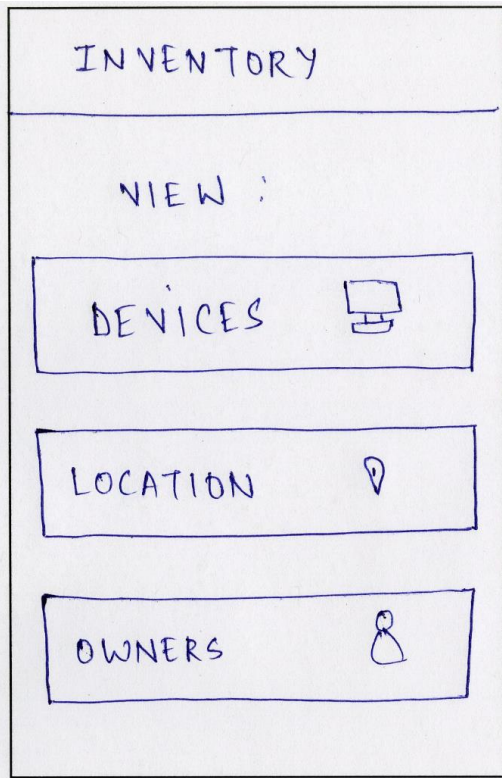
YEAR :

OS :

6) SAVED (AFTER EDIT)

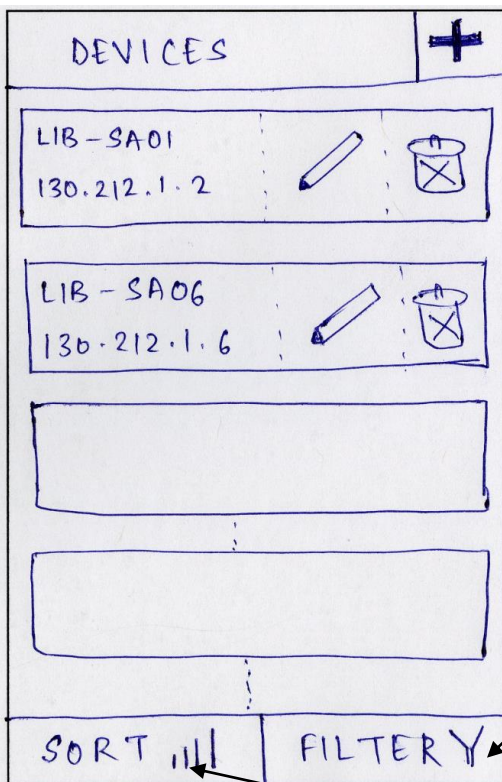
TYPE : Computer
NAME : Lib-SAO1
IP : 130.212.1.2
MODEL : DELL NX
YEAR : 2009
OS : WIN 7 32-bit

7) INVENTORY



This view shows the inventory of available items. User may view devices, locations or owners.

8) DEVICES



This screen shows the list of devices. Each item is listed along with some information followed by edit and delete icons that works same as in the case as shown in screens 4, 5 and 6.

The + sign indicated option to add a device that redirects to screen 9.

COMPUTER
PRINTER
SCANNER

NAME
LOCATION
IP

9) ADD DEVICE

ADD A DEVICE		SAVE
TYPE :	<input type="text" value="Select Type"/>	<input checked="" type="checkbox"/>
NAME :	<input type="text" value="Enter Name"/>	
IP :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
MODEL :	<input type="text" value="Select"/>	<input checked="" type="checkbox"/>
YEAR :	<input type="text"/>	<input checked="" type="checkbox"/>
OS :	<input type="text"/>	<input checked="" type="checkbox"/>
LOCATION :	<input type="text"/>	<input checked="" type="checkbox"/>
OWNER :	<input type="text"/>	<input checked="" type="checkbox"/>

This allows to add a device. After entering appropriate entries, the user will be redirected to a screen similar to screen 4.

10) LOCATIONS AND OWNERS:

LOCATIONS	
ADMINISTRATION	<input type="text"/>
DIGITIZATION	
RESEARCH	
SYSTEMS	
	<input type="button" value="ADD"/>

LIST WITH SCROLLVIEW

ADD CONTENT

OWNERS	
ALAN	GEORGE
TOM	HARLEY
GREG	SMITH
XING	MAO
<input type="text" value="FIRST"/>	<input type="text" value="LAST"/>
<input type="button" value="ADD"/>	