

Senior Team Leader Meeting
January 29, 2004
6:15pm

Attendance:
Jesse Lovelace
Adam Parrish
Mike Swigon

1 Developmental Instruments

1.1 sourceforge.net

an online repository for open source projects. includes bug tracking, CVS, forums, mailing lists...

- granted permission to use space under the name 'yardsale'
- created a developmental mailing list at the address 'yardsale-devel@lists.sourceforge.net'
- created a design mailing list at the address 'yardsale-design@lists.sourceforge.net'
- all team members need to create a source forge account
- all team members need to subscribe to the developmental mailing list
- all senior leaders need to subscribe to the design mailing list

1.2 wxWindows

an open source C++ GUI framework for making cross platform applications.

- will be used for development of all UI for the POS system
- all developmental team members need to obtain the libraries provided at wxwindows.org
- all developmental team members need to obtain a licensed copy of the wxwindows designer
- jesse will provide a short tutorial explaining the basics of wxWindows/designer to the team

2 Goals/Due Dates

2.1 Long Term

2004-03-05 FEATURE FREEZE - deadline for adding functional features to the design of the POS

2004-04-17 CODE FREEZE - deadline for beginning the coding of features; those not already implemented will be removed; testing only beyond this point

2004-04-27 POSTERS and PIES - final deadline; presentation of project to CSC department

2.2 Short Term

2004-02-04 DB structure - adam and mike to complete the preliminary design of the DB tables

2004-02-11 • GUI layout - jesse to complete the preliminary design of the user interface

- SQL queries - adam and mike to complete preliminary SQL commands necessary for populating the DB
- research - entire team to complete reserch on transaction processing and report

3 Preliminary Design Ideas

3.1 GUI basic design

the POS will provide the following basic functionality:

manage inventory track all new items received and those sold, adding or removing them from the DB as necessary

manage customer information will store information pertaining to customers; including name, address, phone number, items purchased, credit card information...

manage employee information will store information pertaining to employees; including name, address, phone number, hours worked, department(?)...

sales/cashier transaction processing two types of sales possible:

1. store/retrieve customer info and proceed to transaction of selling items; will store items purchased with customer info
2. **quickSale**: only transaction of items to be sold without recording to customer info

manager reports manage/retrieve business reports; including employee hours, payroll, transaction info, incident reports, money info...

logout tracks time for payroll purposes, all transactions made, and a transaction report

preliminary screenshots provided separately

3.2 Necessary Interfaces

to be researched by john and jay over the next few weeks, due date to be determined later

- check scanner
- card swipe: for credit cards and employee card access
- touch screen
- receipt printer
- barcode scanner