CSI 418 Meeting

Questions about requirements:

1. Labels on data fields (Name, Address, ID). Can the user change the fields? Or will there be an administrative user who can do this?
   1. A “regular” user will not be able to change fields, must be done by an “admin” user.
   2. Admin may specify what all users end up seeing on screen. Admin may select only a contiguous series of fields to display (e.g. 1,2,3,4, and 5 but NOT 1,2, and 5)
2. Image related to data fields. What image will be used to represent each field. Will it be a scanned paper version of the field?
   1. The image will simply be some image that is stored in the database that corresponds to a specific entry in the database. This image will always be stored “column 11” of the database for every entry.
3. How will search work? Will there be a general search bar up on top, or will there be multiple fields that allows for multiple search queries (simultaneously).
   1. “search” directly from data fields with a single or multiple fields filled. Include a single “and/or” radio button search specifier.
   2. “field 11”: will always be image path (e.g.C:\\ server\\folder\img00.gif)
   3. Up to 10 fields (excluding image) may be stored/searched.
4. What do you mean by print? Does that mean to print to the screen? Is there a specific format that needs to be used when printing to the screen?
   1. Print to an actual printer: e.g. in Chrome launch the print dialog.
5. What do you need at the login screen? What is going to be the most frequent function in/of the app?
   1. Simple username/pw login tied to database that validates credentials as well as discerns user’s role (admin or normal user).
6. Requrements deliverables?
   1. User story, diagrams of said user story
   2. a listing of the requirements

USER STORY:

User will be presented with a logon screen that requests a username and password. After entering their credentials (for a standard user), the user will be presented with a screen with several (at most 10) rows of labels with corresponding blank data fields. The user may enter their search terms into one or more data fields, as well as select and “and/or” search specifier using a radio button. There will be a “search” button on the top of the screen which will execute the search. There will also be a “reset” button next to the search button that will clear all data fields as well as unselect the “and/or” specifier. If only one data field has been entered by the user, the “and/or” specifier will be grayed out. To the right of the labels and data fields there will be a frame for an image. Initially this frame will be empty/blank.

If the user is an admin, they will also be presented with an “admin” panel that will allow them to modify which labels/data fields are presented to all other users. This panel will have a “submit” button that will execute these modifications, and a “reset” that will revert any changes. The admin will be able to specify only a contiguous series of labels/data fields in this panel (e.g. they may select labels 1, 2, 3 and 4, but they may not select labels 1,2 and 4).

When the user performs a search, a new popup will appear with the matching results. The results will be organized in separate rows, with columns that display the entry’s corresponding data. If multiple hits are found for a search, there will be check boxes next to each entry such that the user can select one or more entries that that wish to have displayed. There will be an “ok” button at the bottom of the popup that will return the user to the main page and display the data of the selected entry(or entries). There will also be a “cancel” button at the bottom of the popup that will return the user to the main page without displaying the data from any entries.

When the user has selected one or more entries and hit “ok”, the main page will display the result(s) by populating the data fields with the information retrieved from the search. The image frame will display the image associated with entry. If multiple search hits were selected in the popup, the user will be able to navigate between entries using a “next” and a “previous” button at the bottom of the page. There will be a “print” button that will allow the user to print a physical representation of the entry(or entries). There will be a “download” button that will allow the user to save the entry(or entries) data to a .csv file.

The user will be able to “logout” by pressing a button labeled as such.