**The login screen contains two paths that the user can take... These processes may be repeated**

**1) Forgot P/W**

The information passed through forgot P/w is a security question and username into the database. The database then checks if the security is right or not. If verified, correct password is passed to the user via email in their database.

**2) Verify**

User types in their username and password, verify checks if the data entered matches the data in the database. User level gets passed and determines permissions to use certain aspects of the system. A member (level 1) can use all functionality under User Homepage whilst administrator (level 2) can perform all user tasks with the addition of modifying user details and approving subjects/topics on their Administrator Homepage.

**The register function involves entering user information** (username, password, email, date of birth, security question). This information is either both validated and stored into the database or the form is incomplete of no valid there is a return of message asking the user to re-enter the information correctly. User Homepage has three main options for the user

1. **Add Q&A**

The user firstly chooses their predefined subject of choice (there will be a hyperlink to a suggestion form for subjects and topics that are desired by the student body) and then they are redirected to the Add Q & A form (see screen designs for more detail). They then choose their topic associated with that subject (again there is a hyperlink to a suggestion form for subjects and topics that are desired by the students), type in Q&A associated with that subject, and the option of making the Q&A public. The students then have 3 options that they can choose from….

1. **Submit More**

By clicking this function the information entered into the Q&A form gets saved into the database, then they are redirected back into the topic Q&A form

1. **Submit and View**

By clicking this function, the information entered into the Q&A form gets saved into the database, they are then are redirected into the Study Page

1. **Cancel**

No information stored into DB, direct to Study Page

1. **Study Q&A**  
   This function begins with private subject selection of Q&A and then topics associated with that subject. Users then view Questions and have the option of clicking next for the next question or flip to reveal answer. When revision is completed, redirect to Study Page
2. **Search**

This function allows users to search public flip cards and private flip cards. Users search criteria, with the option of narrowing search results (by subject and topic), this can be seen later in the screen designs for the search function.

1. **Private Question and answer table is a display function that displays all questions and answers a user has created in the system. There are two functions that are in this module**
2. **Modify**

Edit questions and answers, possibly moving questions and answers to a different subject/topic, making questions public etc.

1. **Delete**

Remove any unwanted questions and answers from the database.

**Admin can perform all system functionality of a user with the addition of two more functions**

1. Modify User

This function displays a table of all the users in the system. Administrator rights can change details (password, email, webadmin).

1. Approve Subject/Topic

This function calls on data collected from the subject/topic suggestion form. Administrators can either approve or cancel the suggestion. Administrators will have to email the students manually however in the next version there will be an in system message system.

Things to update in screen designs

-hyperlink to suggestion form in Subject selection

- create subject selection form

- create pseudocode for suggestion form (copy login pseudocode)

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