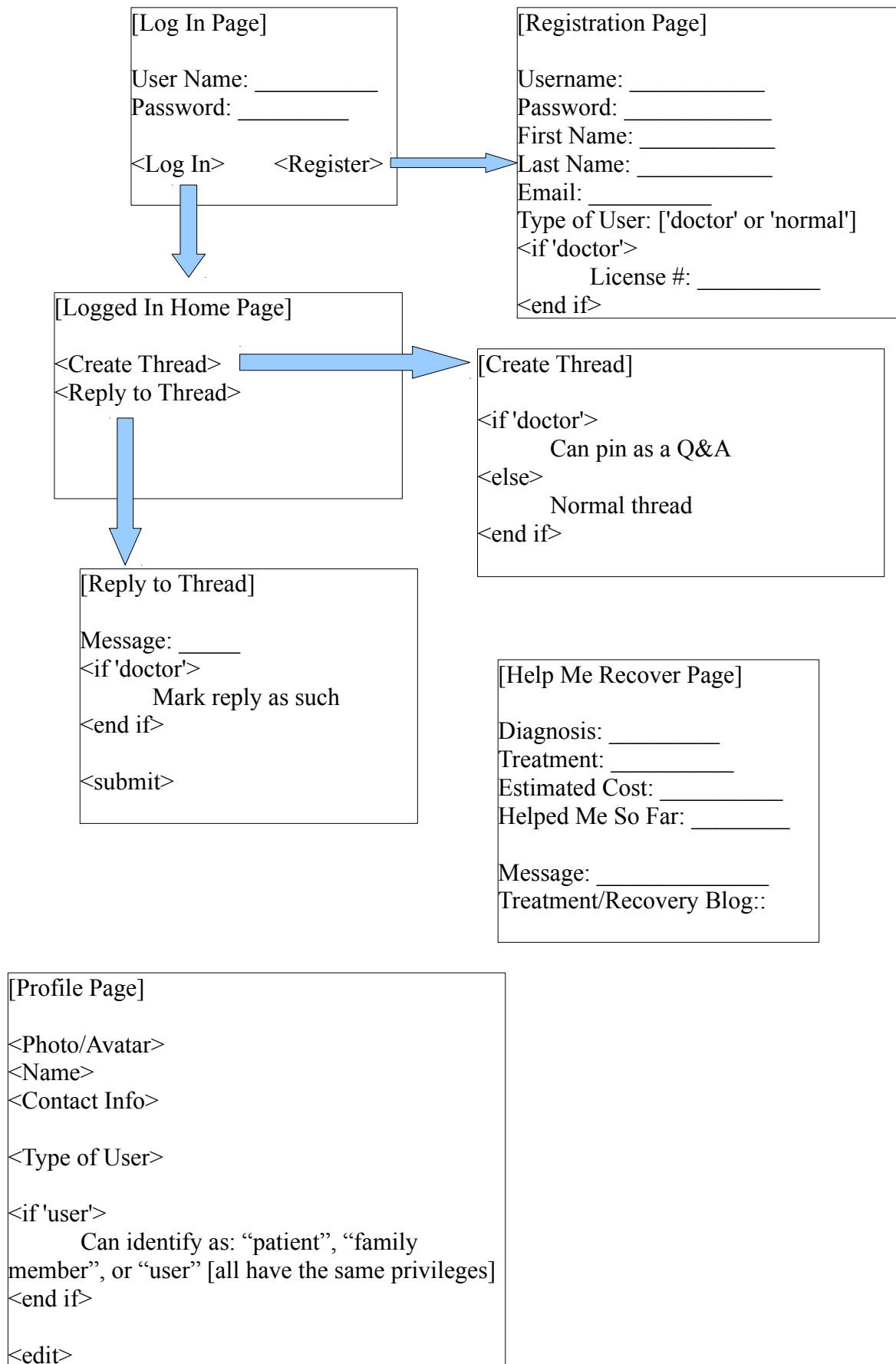# 336 Project: Online forum : Cancer forum

Our website will have forum functionality along with user accounts. The general idea is a website to get advice from doctors online, a support group, and a general knowledge repository for cancer. The website will have different sub forums for different types of cancer. Within each sub forum there can be threads of user posts. Posts can be voted up or down causing the more highly voted posts to be higher in view. Users can create accounts to have a profile, posting and voting privileges, and the ability to place bookmarks.

User types:
- Doctor : This type of user is verified by the moderators. They have a special designation and should be considered to be a real doctor. They have posting and voting privileges.
- User : This type of user can be a casual user. They can be anyone. They have posting and voting privileges.
- Moderator : This type of user is in charge of the website. They have special designation and have posting, voting, and super user privileges such as banning.

WebPages:
- Homepage : This will contain a dashboard for logged in user or ask the user to log in. It will have a overview of the forum layout and contain top posts. There will be a side list of top posters or doctors. There will also be a search bar for users or posts.
- Thread pages : These pages constitutes how the user can go through the website looking at other posts or threads in our forum. Within our forum there will be more specific sub forums for types of cancer.
  - Forum view page : User can see the different sub forums within the site
  - Threads view page : User can see the different threads within a forum
  - Posts view page : User can see the different posts within a thread
- Login/Register : These pages are for user login or registration if they do not have an account.
  - Login page : Contains a text box for the user to input their credentials.
  - Register page : Contains a text box for an user to create an account.
- Profile page : This page will contain the user's account information such as name, picture, account statistics (post count, etc), bookmarked threads, and other information.

[Log In Page]

User Name: _____
Password: _____

<Log In>   <Register>

[Registration Page]

Username: _____
Password: _____
First Name: _____
Last Name: _____
Email: _____
Type of User: ['doctor' or 'normal']
<if 'doctor'>
        License #: _____
<end if>

[Logged In Home Page]

<Create Thread>
<Reply to Thread>

[Create Thread]

<if 'doctor'>
        Can pin as a Q&A
<else>
        Normal thread
<end if>

[Reply to Thread]

Message: _____
<if 'doctor'>
        Mark reply as such
<end if>

<submit>

[Help Me Recover Page]

Diagnosis: _____
Treatment: _____
Estimated Cost: _____
Helped Me So Far: _____

Message: _____
Treatment/Recovery Blog::

[Profile Page]

<Photo/Avatar>
<Name>
<Contact Info>

<Type of User>

<if 'user'>
        Can identify as: "patient", "family
member", or "user" [all have the same privileges]
<end if>

- <u>Log In Page</u>: the login page will be on the same page as the normal homepage. An anonymous (not logged in user) can read posts and threads. The user must enter a user name and a password and click on "log in" to be validate.

- <u>Registration Page</u>: the registration page is a separate page used to register a user. The user can register as a normal user or as a doctor. Additional moderator verification will be needed for a user to register as a doctor. Being a doctor gives a user additional features and more validity in thread responses. The doctor must be verified by presenting their license number and the moderators will verify this.

- <u>Create Thread</u>: the create thread page allows a user to create a new thread. A thread is started as a simple post to which other users can reply to. A thread can be marked as answered if the question posted was answered by an user. A verified doctor can open up a Q&A thread where they can respond to questions made by other users. The importance of differentiating between a Q&A thread and a normal doctor posted thread is that, the idea of a Q&A thread is to be done in real time, similar to a chat room type thread.

- <u>Reply to Thread</u>: the reply thread page allows for a user to reply to a certain thread. The user can type up a reply and hit submit. A doctor's reply will get a nice little graphic identifying. Replies to threads will be monitored by moderators to make sure that they are appropriate and not derailed.

- <u>Help Me Recover</u>: allows a user to create a donation page so that people can donate to help another person. The user can choose disclose the diagnosis, treatment, and the total cost. The "Helped me so far" will be generated by our system, but the user can add additional amounts that were raised without the use of the site. The user can include any additional messages about everything, and even keep a simple blog about the treatment/recovery. Any user can create this for themselves or a family member, and hopefully raise enough to help cover the costs of treatment. Making donations will give the users a nice in-site prize.

- <u>Profile Page</u>: the profile page contains the users information, their user level status, contact information (if they choose to share any). If the user if viewing his or her own profile, he or she can choose to edit information. Other information presented will be if they are currently hosting a "Help Me Recover" drive, their posts and voting history (how many likes/dislikes their posts have gotten).