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| **Actor** | **Description of Use Case (s)** | **Use case** | **Pre-condition** | **Post-condition** | **Requirements** |
| <<user>>  Medical Staff | This use case entails all the actions involved in Logging a user into and out of the system  -----------------------------------------------  This use case entails all the actions associated with the addition of patient information | **Login**  Login(String username, String password) | User must be on LDAP | User Is logged into system |  |
| Logout() | User must be actively logged in | User Is logged out of system and is not allowed to access system until logged in again |
| **Patient Details**  addPatientDetails(String patientName)  **Form should not be allowed to be deleted; show this on GUI perhaps?** | User must be logged in. | Patient details are added. |  |
| previewForm()  *(before Submission)* | Form must be completed | Display preview of patient’s form before submission. |  |
| submitForm() | Form must be completed | Submit form to database. |  |
| Admin  (extends user) |  | **PatientDetails**  updatePatientDetails( String patientName) | Patient must exist. Patient form must be completed. | Patients’s old details are replaced with new ones. |  |
| viewPatientDetails( String patientName) | Patient must exist. | Patient details are displayed on client browser. |  |
| queryAllPatientDetails( Patient obj) | Patient must exist | Specialized query result is displayed on client browser. |  |
| **Form**  addNewForm(String form name)  **Perhaps may need to have arguments for this function: maybe the module to which the form should be added to** | User must be admin, form must not exist already | New form is created and persisted to DB. |  |
| viewForm(String Patient name) | Form must exist  Patient must exist. | View a specific form for a patient. |  |
| removeForm(String form name) | Form must exist. No data must be present in the form. | Form is deleted from DB |  |
| editFormFields()  i.e. being able to add to or remove from an existing form field | Field must exist.  Form must exist | Edited field is updated on GUI and updated in DB |  |
| addFormFields()  i.e. add more fields to an existing form | Form must exist | Field is added to GUI and persisted to DB |  |
| deleteFormFields() | Form must exist | Field is removed from GUI and persisted to DB |  |
| downloadPatientForms(String patient name)  **i.e. download all forms for a patient** | Patient’s information must exist.  Patient must exist in DB. | Form is downloaded from server to local hard drive |  |
| downloadPatientForm( String patient name, String form name)  i.e. to download a specific form for a patient  Perhaps we should allow for the user to select the number of forms they want to download | Patient’s information must exist.  Form must exist.  Patient must exist in DB. | Form is downloaded from server to local hard drive |  |
| **CRUD\_User**  addNewUser(Profile obj) |  |  |  |
| changeUserPermissions( Profile obj)  will change aspects of the users permissions/ restrictions |  |  |  |
| deleteUser(Profile obj) |  |  |  |
|  | This use case authorizes and permits the different types of users to perform actions according to their hierarchical level | **UserAthorization**  IdentifyMe() | User must be actively logged in | User is identified and user type is matched to identification |  |
|  |  | setMyPermissions() | User type must be correctly identified | Permissions are given to user according to type matched |  |
|  |  | getMyPermissions() | User permissions must be correctly set | Permissions are granted to user |  |