

User Story #1

As Samuel Cote, an administrator, I require a personal login account so that I can manage my personal information.

- Conversations
 - What kind of personal information? -my personal information such as name, gender, office location(time zone), contact information, daily schedule, etc.
- Test Cases
 - Login with the admin account, and change the person information, check the information have successfully changed.

User Story #2

As Samuel Cote, an administrator for the organization, I can log in securely to the server website, having more access privileges than any non-administrator so that I can rest assured that I have full control over the server.

- Conversations:
 - What sort of security arrangements would be made? - Basic: username, password. Administrator has more control than other uses.
- Test Cases
 - Use the admin account to login, check if the account have privileges to edit, delete, merge, and split entries.

User Story #3

As Samuel Cote, the program administrator, I would like to have a search box to search records from the server, so that I can easily find patient, doctor, or radiologist records.

- Conversations
 - Search the records by a specified key? (eg: name, address) -No, just search any record that contain the keyword
- Test Cases
 - Search a keyword, compare the result with the expected result.

User Story #4

As the administrator, I would like to have a table to display the search results on a web page, so that I can view the results easily.

- Conversations
 - Do you need to be able to sort the table? -Yes
- Test Cases
 - Search the database, check if the result would be able to display in a table correctly.

User Story #5

As Samuel Cote, the program administrator, I would like to sort entries in the search result table by individual attributes, so that I can find the desired records faster..

- Conversations
 - Do you need to sort in ascending or descending order? -both
 - Do you need a button or just click on the table header to sort? -click on the header.
- Test Cases
 - Sort the table by one column, check the result is sorted or not.

User Story #6

As the administrator, I would like to have an edit button beside each entry of the search result table, so that I can modify each entry as needed.

- Conversations
 - Do you think a link on the name of each entry is better than a button? -No
- Test Case
 - Click on the edit button, check if it can link to the editing page.

User Story #7

As Doctor Hadley, I require a personal login account so that I can manage my personal information.

- Conversations
 - What kind of personal information? -my personal information such as name, gender, office location, password, etc.
- Test Case
 - Use a Doctor account to login, check if it can enter the Doctor's home page.

User Story #8

As Doctor Hadley, I can view patient scans submitted by field workers so that I can check for and diagnose problems.

- Conversations
 - Doctors stationed in a nearby clinic look at the ultrasound scans, and return annotated copies with additional instructions to the field workers.
- Test Cases
 - Added one picture, check the picture is displayed correctly.
 - Added three pictures, check the pictures displayed correctly.

User Story #9

As Doctor Hadley, a zoom function is required on the images, so that I can make a precise analysis of the patient's situation.

- Conversations
 - How to access the Zoom-In function? set a button beside the image.
- Test Cases
 - Open one Image and apply the zoom-in function, then check if it works correctly.

User Story #10

As Doctor Hadley, I can add the annotations to patient images and scans submitted by field workers so that I can provide the patient and worker with instructions.

- Conversations
 - What will the tool look like? a pen used to make notes such as drawing circles or arrows on the image, and an eraser is also required.
- Test Cases
 - Add an annotation to a picture, and save it. Check if the picture correctly annotated.

User Story #11

As Doctor Hadley, I would like to be able to add comments under the patient's case, so that patient can get their updated medical history.

- Conversations
 - What kind of comment will be added? any specific format? -It is similar to patient's medical history, it is written in complete or nearly complete sentences.
- Test Cases
 - Add one comment to the patient's case, check the comment is correctly added.
 - Add three comments to the patient's case, check the comments are correctly added.

User Story #12

As Doctor Hadley, I would like to be able to add sub comment to a patient's case, so that I can update the patient's current condition.

- Conversations
 - Do need something like Web Blog? -Yes, kind of. But the doctors can not change the previous comment.
- Test Cases
 - Add one sub comment, check the sub comment is added correctly.
 - Add three sub comments, check the three sub comments are added correctly.

User Story #13

As Doctor Hadley, I would like to have a link to my profile associated with the comments and annotations that I make regarding the patient, so that there will be a record of who has viewed the case and a reference back to myself.

- Conversations
 - Do you mean you want the other doctor knows the annotations is made by you?
-Yes
- Test Cases
 - Add one comment, check the link is correctly linked to the Doctor.
 - Add two comments, check the links are correctly linked to the corresponding Doctor.

User Story #14

As Doctor Hadley, I would like to have the ability to edit the priority of a patient's situation, so that patients in more dangerous situations will not miss the ideal time for treatment.

- Conversations
 - How do you solve the problem that some patients are on the same level of dangerous situation? First come first serve.
- Test Cases
 - Change the priority of one patient, check the patient is in the correctly position of the waiting queue.
 - Change the priority of two patients, check the patients are in the correctly position of the waiting queue.

User Story #15

As Doctor Hadley, I would like to have a search bar on my home page, so that I can retrieve patient information immediately.

- Conversations
 - Where will be the searching bar located on the web page? -the top of the web page.
- Test Cases
 - Search one keyword, check the result is successfully display all the patients which have that keyword.

User Story #16

As Doctor Hadley, I would like to link two patients, so that I can merge the duplicated cases.

- Conversion
 - It can be detected by the system, but you can have this feature in case the system failure. -sure
- Test Cases
 - Click on the "Help Button", check if other Doctors can the case.

User Story #17

As Doctor Hadley, I would like to search the patient with specified organ system, so that i could view each patient's information according the corresponding specialties.

- Conversations
 - What are the types of organ system? I will provide a list to you later.
 - How to display these options? By providing a checkbox for each organ system.
- Test Cases
 - Select one type of organ system and search it, check the result is correctly displayed.
 - Select three types of organ system and search them, check the result is correctly displayed.

User Story #18

As Doctor Hadley, I would like to add a "Help Button" on the patient's case page, so that I can discuss with my colleague once I am uncertain to diagnose my patient's problem.

- Conversion
 - "Help Button", Do you mean once you click this button then you allow the other doctor to add comment on that case? -Yes
 - But you still hold the case on your profile? -Yes
- Test Cases
 - Click on the "Help Button", check if other Doctors can the case.

User Story #19

As a field worker, I can communicate with the server to create a new patient file, since it is through field workers that most new patients are found.

- Conversations
 - What about the patient exists in the system? -directly open the patient's page, but not create need entry.
- Test Case
 - Add one new patient, check the patient is correctly added.
 - Add one exiting patient, check no new entry will be created.

User Story #20

As a field worker, I can upload patient scans and information to the website via the cellphone infrastructure (SMS/MMS), since internet access in Nepal is not widespread enough in rural areas.

- Conversations:
 - In their pitch, they discussed how teams might have to hike to the top of hills in order to communicate at all.
- Test Cases
 - Send one picture to the server, check the picture is successfully and correctly added.
 - Send three picture to the server, check the pictures are successfully and correctly added.

User Story #21

As a field worker, I require a personal login account so that I can manage my personal information.

- Conversations
 - What kind of personal information? -my personal information such as name, gender, office location, contact information, a list of patients that i have met or I am going to meet.
- Test Cases
 - Create a new account for a field worker, and check the account is added correctly.

User Story #22

As a field worker, I can assign the priority for the patients, so that I can set the urgent case to view first by the doctor.

- Conversations
 - How can you order the urgent case if the system has many emergency? -first come first serve.
- Test Cases
 - Set one patient to urgent when the system has no other urgent case, check the patient's prioritize is first in the system
 - Set one patient to urgent when the system has some other urgent cases, check the patient's prioritize is in the right position.

User Story #23

As a field worker, I can download patient records onto my android phone, so that I can access patient information even when I'm in a remote area.

- Conversations
 - Which Android system version do you have? -I don't know
- Test Case
 - Download one patient, check the correctness of the patient
 - Download three patients, check the correctness of the three patients

User Story #24

As a field worker, I would like to have the privilege to add comment on patient's case page, so that doctor would have more information about the patient's current condition.

- Conversation
 - What would be the comment added by a field worker? Physical finding on patient's image during the first meeting, and the problem mentioned by patient.
 - Any way to recognize the difference between doctor's comment and field worker's comment? we can have different colour to indicate doctor's comment or field work's comment.
- Test Cases
 - Add one comment to the case page, check the comment is correctly added and coloured.

User Story #25

As a concerned citizen, I can get contact information off of the website so that I can get in touch with the organization.

- Conversations
 - They'd like a login page and other public material for the website including:
 - A map showing what areas they've been helping
 - Contact information.
- Test Case
 - Add a sample contact information, check if it could be displayed normally.

User Story #26

As a concerned citizen, I can see a map showing the regions that the team has been helping so that I can see what my donations and effort are helping to achieve.

- Conversations
 - What kind of information would be on the page?
 - A map showing what areas they've been helping
 - Contact information
- Test Case
 - Add information on the homepage, and check if it could be displayed correctly.