User stories

Super User

1. As Agni (a superuser), I require a secure environment in which data will be transmitted in order to protect patient data from mistakes and prying eyes.

2. As Agni (a superuser), I need to be able to easily change access restrictions for every user so that I can control what information is shown to them.

3. As Agni (a superuser), I need a lightweight and fast method of data transfer, so our organization can cut down on costs and increase efficiency.

4.As Agni (a superuser), I would like to be able to query the database using SQL so that I can build custom reports, without having to modify the source code.

Manager

5. As Roshan (a manager), I would like to have a way for multiple radiologists to comment on a single patient's ultrasound, so that there can be a consensus on the treatment options.

6. As Roshan (a manager), I want to be able to resolve potential conflicting comments of radiologists on a patient's information so that a clear consensus regarding the patient can be forwarded to the fieldworkers.

7. As Roshan (a manager), I require a method to be able to track changes in the system in order to asses the effectiveness of the team.

8. As Roshan (a manager), I require a way to approve diagnosis to be sent to the field, so that every patient case is reviewed by at least two people.

9. As Roshan (a manager), I want an intuitive interface so I can see event logs and information of radiologists and field workers in an organized manner.

10. As Roshan (a manager), I want a convenient way to leave messages for other radiologists so I have a way of communicating with them.

11. As Roshan (a manager), I require a way to check if the field worker has received the diagnosis, so that we measure the effectiveness of our system.

Radiologist

12. As a Steven (a radiologist), I want to be able to filter patient information so that I can quickly find and review patient information.

13. As a Steven (a radiologist), I require a simple method to annotate patient's ultrasound images with basic imaging tools so that the treatment options specified are unambiguous and clearly visible to the field worker.

14. As a Steven (a radiologist), I need to be able to communicate with the field worker, so that any queries, issues or misunderstandings related to patient's diagnosis can be answered quickly.

15. As a Steven (a radiologist), I want to be able to access and list all the diagnosis done by me, so that I can follow up with the patient's medical condition, if need be.

16. As a Steven (a radiologist), I want to be able to see a brief medical history of the patient such as whether or not they have had any complications before, age, weight, etc, so that I can make proper treatment decisions.

Fieldworker

17. As Asmita (a fieldworker), I would like to keep the recorded ultrasound images on the device even after uploading it to the server so that I can have a failsafe in case the data was sent incorrectly.

18. As Asmita (a fieldworker), I would like to be able to check whether or not the patient is new, so that when uploading images, I can append it to their existing history, keeping the records clean, and to gauge their condition over time.

19. As Asmita (a fieldworker), I need to be able to receive feedback or treatment recommendations for a specific patient from the radiologists so that I can make proper treatment decisions.

20. As Asmita (a fieldworker), I require a simple, easy to use interface in order to reduce errors and expedite the communication process.

21. As Asmita (a fieldworker), I require visual feedback from the mobile interface on my transmissions due to poor network connections in the field, so that I can be confident that the data was sent correctly.

22. As Asmita (a fieldworker), I need the patient's information to be transmitted quickly over the network, so that I don't have to re-send the information due to connection interruptions, which are quite frequent in remote areas of Nepal.