Release Planning:

User Stories to be completed in Sprint 1:

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

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

17. As 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.

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

21. As 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.

User Stories to be completed in Sprint 2:

19. As 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.

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

18. As 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.

16. As 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.

22. As 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.

2. As 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.

Justification for stories selection for Sprint 1:

Prime need is a Database to insert and read data from. Although Database is not part of any user story but every user story depends on it. So, First we aim to implement the database on Windows azure SQL server.

Second Priority is Secure and fast data transfer. So, we need our java and android client to send data securely to SQL database to be stored. This is what User Story 1 and 3 indicate.

Third Priority is building clients. We selected Android Client Implementation in this sprint. So. User Stories 17, 20 and 21 represent implementation of android client working synchronously with database.

Justification for stories selection for Sprint 2:

We Focus on Finishing up implementation of android client completely by sprint 2. So, User Stories 19, 18 and 22 Full-fill this planned requirement of ours.

Then we shift our aim from android client to java client. So, we begin to fulfill user stories connected to java client by selecting personas who actually use java client. User Stories 9, 16 and 2 represent user stories connected to java client interface. And we aim to begin implementing them in sprint 2.