**Use Cases/Risk Analysis**

*A use case is defined as the set of interactions in a system that take the system towards achieving its goal. We have identified many of these use cases from the system requirements that we identified.*

*Risk Criteria: Our criteria to determine if a use case or other consideration is risky will be based on the extent to which the system will be disrupted by a mistake being made. A use case designated with high risk will disrupt the whole system if a mistake is made. A use case designated with moderate risk will only disrupt a certain area or aspect of the whole system. A use case designated with low risk will cause little disruption to the whole system.*

*We will address these risks in the Elaboration Phase by taking extra time in designing use cases that we designate high risk. We will also stress these risk designations to SOS so that we can avoid complications with the system in the future.*

Add Patient

Actor: Patient/Doctor/SOS Staff

Description: This use case describes how a patient’s record will be added to the system.

Risk: High

Modify Patient

Actor: SOS Staff

Description: This use case describes how a patient’s record will be modified in the system.

Risk: High

Delete Patient

Actor: SOS Staff

Description: This use case describes how a patient’s record will be deleted from the system.

Risk: Moderate

Add Donor

Actor: SOS Staff

Description: This use case describes how a donor’s record will be added to the system

Risk: High

Modify Donor

Actor: SOS Staff

Description: This use case describes how a donor’s record will be modified in the system.

Risk: Moderate

Delete Donor

Actor: SOS Staff

Description: This use case describes how a donor’s record will be deleted from the system.

Risk: Moderate

Add Grantor

Actor: SOS Staff

Description: This use case describes how a grantor’s record will be added to the system

Risk: Low

Modify Grantor

Actor: SOS Staff

Description: This use case describes how a grantor’s record will be modified in the system.

Risk: Low

Delete Grantor

Actor: SOS Staff

Description: This use case describes how a grantor’s record will be deleted from the system.

Risk: Low

Add Clinical-Physician

Actor: Clinical-Physician/SOS Staff

Description: This use case describes how a clinical-physician’s record will be added to the system.

Risk: High

Modify Clinical-Physician

Actor: SOS Staff

Description: This use case describes how a clinical-physician’s record will be modified in the system.

Risk: High

Delete Clinical-Physician

Actor: SOS Staff

Description: This use case describes how a clinical-physician’s record will be deleted from the system.

Risk: High

Add Clinical-Surgeon

Actor: Clinical-Surgeon/SOS Staff

Description: This use case describes how a clinical-surgeon’s record will be added to the system.

Risk: High

Modify Clinical-Surgeon

Actor: SOS Staff

Description: This use case describes how a clinical-surgeon’s record will be modified in the system.

Risk: High

Delete Clinical-Surgeon

Actor: SOS Staff

Description: This use case describes how a clinical-physician’s record will be deleted from the system.

Risk: High

Add Clinical-Anesthesiologist

Actor: Clinical-Anesthesiologist/SOS Staff

Description: This use case describes how a clinical-anesthesiologist’s record added to the system.

Risk: High

Modify Clinical-Anesthesiologist

Actor: SOS Staff

Description: This use case describes how a clinical-anesthesiologist’s record will be modified in the system.

Risk: High

Delete Clinical-Anesthesiologist

Actor: SOS Staff

Description: This use case describes how a clinical-anesthesiologist’s record will be deleted from the system.

Risk: High

Add Clinical-CRNA

Actor: Clinical-CRNA/SOS Staff

Description: This use case describes how a clinical-CRNA’s record will be added to the system.

Risk: Moderate

Modify Clinical-CRNA

Actor: SOS Staff

Description: This use case describes how a clinical-CRNA’s record will be modified in the system.

Risk: Moderate

Delete Clinical-CRNA

Actor: SOS Staff

Description: This use case describes how a clinical CRNA’s record will be deleted from the system.

Risk: Moderate

Add Clinical-Nurse Practitioner

Actor: Clinical-Nurse Practitioner

Description: This use case describes how a clinical-nurse practitioner’s record will be added to the system.

Risk: High

Modify Clinical-Nurse Practitioner

Actor: SOS Staff

Description: This use case describes how a clinical-nurse practitioner’s record will be modified in the system.

Risk: High

Delete Clinical-Nurse Practitioner

Actor: SOS Staff

Description: This use case describes how a clinical- nurse practitioner’s record will be deleted from the system.

Risk: High

Add Clinical-RN

Actor: Clinical-RN/SOS Staff

Description: This use case describes how a clinical-RN’s record record will be added to the system.

Risk: Moderate

Modify Clinical-RN

Actor: SOS Staff

Description: This use case describes how a clinical-RN’s record will be modified in the system.

Risk: Moderate

Delete Clinical-RN

Actor: SOS Staff

Description: This use case describes how a clinical-RN’s record will be deleted from the system.

Risk: Moderate

Add Clinical-Scrub Tech

Actor: Clinical-Scrub Tech/SOS Staff

Description: This use case describes how a clinical-scrub tech’s record record will be added to the system.

Risk: Moderate

Modify Clinical-Scrub Tech

Actor: SOS Staff

Description: This use case describes how a clinical-scrub tech’s record will be modified in the system.

Risk: Moderate

Delete Clinical-Scrub Tech

Actor: SOS Staff

Description: This use case describes how a clinical-scrub tech’s record will be deleted from the system.

Risk: Moderate

Add Clinical-Transporter

Actor: Clinical-Transporter/SOS Staff

Description: This use case describes how a clinical-transporter’s record will be added to the system.

Risk: Moderate

Modify Clinical-Transporter

Actor: SOS Staff

Description: This use case describes how a clinical- transporter’s record will be modified in the system.

Risk: Moderate

Delete Clinical-Transporter

Actor: SOS Staff

Description: This use case describes how a clinical-transporter’s record will be deleted from the system.

Risk: Moderate

Add Clinical-Interpreter

Actor: Clinical-Interpreter/SOS Staff

Description: This use case describes how a clinical-interpreter’s record will be added to the system.

Risk: Moderate

Modify Clinical-Interpreter

Actor: SOS Staff

Description: This use case describes how a clinical-interpreter’s record will be modified in the system.

Risk: Moderate

Delete Clinical-Interpreter

Actor: SOS Staff

Description: This use case describes how a clinical-interpreter’s record will be deleted from the system.

Risk: Low

Add Non Clinical-Support Staff

Actor: Non Clinical-Support Staff/SOS Staff

Description: This use case describes how a non clinical-support staff member’s record will be added to the system.

Risk: Low

Modify Non Clinical-Support Staff

Actor: SOS Staff

Description: This use case describes how a non clinical-support staff member’s record will be modified in the system.

Risk: Low

Delete Non Clinical- Support Staff

Actor: SOS Staff

Description: This use case describes how a non clinical-support staff member’s record will be deleted from the system.

Risk: Low

Add Hospital Record

Actor: SOS Staff

Description: This use case describes how a hospital’s record will be added to the system.

Risk: High

Modify Hospital Record

Actor: SOS Staff

Description: This use case describes how a hospital’s record record will be modified in the system.

Risk: High

Delete Hospital Record

Actor: SOS Staff

Description: This use case describes how a hospital’s record will be deleted from the system.

Risk: High

Add Certification Record

Actor: SOS Staff

Description: This use case describes how a certification’s record will be added to the system.

Risk: Moderate

Modify Certification Record

Actor: SOS Staff

Description: This use case describes how a certification’s record will be modified in the system.

Risk: Moderate

Delete Certification Record

Actor: SOS Staff

Description: This use case describes how a certification’s record will be deleted from the system.

Risk: Moderate

Add Event Record

Actor: SOS Staff

Description: This use case describes how an event’s record will be added to the system.

Risk: High

Modify Event Record

Actor: SOS Staff

Description: This use case describes how an event’s record will be modified in the system.

Risk: High

Delete Event Record

Actor:

Description: This use case describes how an event’s record will be deleted from the system.

Risk: High

Add Staff Record

Actor: SOS Staff

Description: This use case describes how a staff member’s record will be added to the system.

Risk: Low

Modify Staff Record

Actor: SOS Staff

Description: This use case describes how a staff member’s record will be modified in the system.

Risk: Low

Delete Staff Record

Actor: SOS Staff

Description: This use case describes how a staff member’s record will be deleted from the system.

Risk: Low

Add Board of Directors

Actor: SOS Staff

Description: This use case describes how a member of the board of directors’ record will be added to the system.

Risk: Low

Modify Board of Directors

Actor: SOS Staff

Description: This use case describes how a member of the board of directors’ record will be modified in the system.

Risk: Low

Delete Board of Directors

Actor: SOS Staff

Description: This use case describes how a member of the board of directors’ record will be deleted from the system.

Risk: Low

Add Language

Actor: SOS Staff

Description: This use case describes how a language’s record will be added to the system.

Risk: High

Modify Language

Actor: SOS Staff

Description: This use case describes how a language’s record will be modified in the system.

Risk: High

Delete Language

Actor: SOS Staff

Description: This use case describes how a language’s record will be deleted from the system.

Risk: High