Surgery on Sunday Louisville

Use Case Specification: 57

Version <2.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10/19/2017 | 1.0 | First draft | Zach Smith |
| 10/25/2017 | 2.0 | First revision | Zach Smith |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Use-Case Name 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.1 Alternative Flow 2

2.1.1 < First Alternative Flow > 2

3. Special Requirements 2

3.1 < First Special Requirement > 2

4. Pre-conditions 2

4.1 < Pre-condition One > 2

5. Post-conditions 2

5.1 < Post-condition One > 2

Use Case Specification: 57

## Brief Description

This use case is used to recover information. All / a majority of the information about users, grantors, and donors gathered from SOSL will be entered into a relational database. Therefore, in the event of an emergency where the information is lost, stolen or compromised, the ability to recover the original information will be necessary. When the organization moves on to completely using relational databases and the information is totally lost, it could potentially halt all operations. With a plan for disaster recovery in a situation where the information is lost, SOSL processes and operations can continue.

# Flow of Events

## Basic Flow

* SOSL user logs into cloud service.
* Cloud service authenticates user is a member of SOSL.
* SOSL navigates to back up information, consisting of patients, volunteers, donors and grantors, onto the cloud service.
* Cloud service displays backup information.
* SOSL user downloads backup information.
* SOSL user opens Database Management System (DBMS).
* SOSL user imports backup information into DBMS.
* DBMS loads backup information.
* DBMS authenticates all backup data.
* The use case is completed; normal operations can resume.

## Alternative Flows

### < First Alternative Flow >

* SOSL user retrieves physical media with backup information
* SOSL user exports the backup information onto their device.
* SOSL user logs into the DBMS.
* DBMS authenticates SOSL user login credentials.
* SOSL user imports backup information into the DBMS.
* DBMS authenticates all backup data.
* The use case is completed; normal operations can resume.

# Special Requirements

## Cloud service and physical media must have backup information regularly updated

The backup information located on the cloud service must be regularly updated to be up to date with the organization processes and avoid partial loss of data. If the organization loses all information and the backup information is not up to date, then the organization would lose recent volunteer, donor, and grantor information, which cannot be recovered unless there were physical copies of forms to manually input into the database management system.

## Information must be imported via a file type compatible with the DBMS.

The backup information must be imported with a file type that the DBMS can read. A common exportable / importable file type is .CSV, for example.

## Information must be imported via a file type compatible with the DBMS.

The backup information must be imported with a file type that the DBMS can read. A common exportable / importable file type is .CSV, for example.

# Pre-conditions

## Pre-condition One

* The SOSL admin needs access to login to the DBMS to import the information backup file.

## Pre-condition Two

* The SOSL admin needs access to login to the cloud service to download the backup file.

## Pre-condition Three

* The cloud service must contain all SOSL organization information to be downloaded and imported.

# Post-conditions

## The backup information is loaded into the database management system

The backup information is successfully imported into the database management system; therefore, all information on patients, volunteers, grantors and donors are correct and up to date. Thus, all normal SOSL operations and procedures can continue.