SONAR

Use Case Specification: Login for Administrator

Version <1.0>

Revision History

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Table of Contents

1. Use-Case Name 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

2.2.1 < First Alternative Flow > 2

2.2.2 < Second 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

6. Extension Points 2

6.1 <Name of Extension Point> 2

Use Case Specification: Login for Administrator

# Use-Case Name

Login for Administrators

## Brief Description

This use case describes how the Administrator will log into our SONAR system. It starts with the Administrator opening either the school virtual lab, or by opening the program from their laptop when they’re at the school and ends with the administrator being logged in, ready to complete the tasks they’ve been requested to complete.

# Flow of Events

## Basic Flow

The Administrator will open the VMWare Horizon client located on their desktop, attempt to login to the virtual environment with their University credentials, and open the virtual environment available to the school of nursing staff if the login is successful.

Next, the Administrator will open the SONAR web link located on their desktop. This will take the Administrator to the login page, where they will type in their university email as their username, and the password which was previously generated for the Administrator.

When the Administrator has entered their valid username and password combination, they will be redirected to the appropriate web page for the administration of the system.

## Alternative Flows

### Horizon Client Fails

The Administrator will open the VMWare Horizon client located on their desktop, attempt to login to the virtual environment with their University credentials, and open the virtual environment available to the SONAR administrator if the login is successful.

If the Administrator does not successfully log into the schools virtual environment, they will need to reenter their password and try again. If a login cannot be successfully had, they will need to reach out to University IT for assistance.

### Incorrect Login Credentials

The Administrator will open the VMWare Horizon client located on their desktop, attempt to login to the virtual environment with their University credentials, and open the virtual environment available to the school of nursing staff if the login is successful.

Next, the Administrator will open the SONAR web link located on their desktop. This will take the Administrator to the login page, where they will type in their university email as their username, and the password which was previously generated for the advisor.

If the login to SONAR was unsuccessful, the system administrator will need to initiate a password reset via email.

### Remote Login

The Administrator will already be on campus, and will be able to open the login page to our SONAR system directly from their own laptop. Provided they are connected to the school’s network and correctly enter their SONAR credentials, they will be able to login to the system and open the administrator homepage.

# Special Requirements

## Connectivity

Must be connected to School of Nursing network or connected through virtual Lab.

## Server Software

Server must run Windows Server 2012 or newer, as well as run SQL server 2016.

## FERPA

Due to FERPA restrictions, we cannot store student grades to the cloud.

# Pre-conditions

## Server On

Server must be turned on.

## SQL Server Running

SQL server software (database) must be running.

## Web Server Running

Web server software (for web pages) must be running.

# Post-conditions

## Logged In

The system will now be logged into by an advisor, now the system will be ready to update, create, and delete student information

## Ready for Reports

The system will now be ready to generate reports.

# Extension Points

## Invalid SONAR credentials

If the user types in invalid credentials, the system will not log them on. Users will be asked to provided valid login credentials should the credentials entered fail

## Invalid U of L credentials

If the user does not type in valid credentials, the Horizon software used by the university will ask for valid credentials to log remote users into the schools virtual lab.

## Unstable Network Connections

If the user is logging into the schools virtual environment, they must have a stable internet connection. If this is not possible, the user will not be able to log into the schools virtual environment, and consequently, will not be able to log into the SONAR system.

## Server Not Running

If the server that hosts the SONAR system is not turned on, the user will have to contact the SONAR system administrator.