

# Harris Healthcare Workload Application Use Case 003: Registering Biometrics

COSC 471  
Computer Science Department  
Okanagan College

Version 1.9

Taylor Adam  
Nelson Murray  
Grayson King  
Jackson Bates  
Christian Slater  
George Cairney  
Dakota Logan  
Brandon Chesley  
Daniel Claggett

April 2020

# Contents

<b>1</b>	<b>Use Case Title</b>	<b>2</b>
<b>2</b>	<b>Use Case Identification</b>	<b>2</b>
<b>3</b>	<b>Use Case Description:</b>	<b>2</b>
<b>4</b>	<b>Use Case Level</b>	<b>2</b>
<b>5</b>	<b>Primary Actor</b>	<b>2</b>
<b>6</b>	<b>Supporting Actors</b>	<b>2</b>
<b>7</b>	<b>Stakeholders and Interests</b>	<b>2</b>
<b>8</b>	<b>Pre-Conditions</b>	<b>2</b>
<b>9</b>	<b>Post-Conditions</b>	<b>2</b>
<b>10</b>	<b>Trigger</b>	<b>2</b>
<b>11</b>	<b>Use Case Flow</b>	<b>3</b>
11.1	Main Flow . . . . .	3
<b>12</b>	<b>Frequency</b>	<b>3</b>

## **1 Use Case Title**

Registering Biometrics

## **2 Use Case Identification**

UC-003

## **3 Use Case Description:**

User starts the application, logs in and registers their fingerprint via their hardware key (fingerprint scanner) using Fido2 Multifactor Authentication.

## **4 Use Case Level**

User Goal

## **5 Primary Actor**

Front-line Staff

## **6 Supporting Actors**

N/A

## **7 Stakeholders and Interests**

Managers, Front-line staff

## **8 Pre-Conditions**

Front-line staff has created or been given an account with login credentials and has access to a device with a fingerprint scanner.

## **9 Post-Conditions**

Front-line staff logs in to the application with their registered fingerprint.

## **10 Trigger**

Front-line staff has logged in with credentials and would like to enable biometric authentication

## **11 Use Case Flow**

### **11.1 Main Flow**

1. User starts the application.
2. User logs in using their username and password.
3. User clicks the register fingerprint icon.
4. FIDO2 triggers pop-up requesting scan of fingerprint.
5. Fingerprint scanner pop-up confirms fingerprint was scanned.
6. Fingerpring pop-up closes.
7. Fingerprint key is now registered with the user.
8. User can now click the biometrics option at login.
9. User then touches their fingerprint scanner to complete the request and login.

## **12 Frequency**

Completed one time after the first login for the user.