Assignment Workbook

Winter 2020

Revision History

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| --- | --- | --- | --- |
| **Date** | **Issue** | **Description** | **Author** |
| February 27, 2020 | Assignment 2 | Adding Glossary for assignment2 | Omar Benhmuda |
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| February 27, 2020 | Assignment 2 | Adding Use Cases | Omar Benhmuda |
| February 27, 2020 | Assignment 2 | Adding Use Case Diagram | Omar Benhmuda |

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# iCLINIC System Glossary

## Introduction

This document is used to define terminology specific to the problem domain, explaining terms, which may be unfamiliar to the reader of the use-case descriptions or other project documents. Often, this document can be used as an informal *data dictionary*, capturing data definitions so that use-case descriptions and other project documents can focus on what the system must do with the information.

## Glossary

The glossary contains the working definitions for the key concepts in the iCLINIC System.

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| Term | definition |
| WPHC | West Park HealthCare Clinic |
| Digital Ink | Using the tablets stylus, one can handwrite text like they were using a pen rather than typing it on the keyboard. Hence why it is called digital ink. |
| PDF | The file format generally used when viewing images or text |
| Repository | Similar to a folder, however usually a repository is used in a virtual context. |
| Metadata | Provides information about a certain item's content. For example, an image may include metadata that describes how large the picture is, the color depth, the image resolution, when the image was created, and other data. |
| On-Screen Keyboard | A virtual keyboard (usually on any touchscreen device) displayed on the screen for the user to type into as if they were using a real keyboard |
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# iCLINIC System Actors

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| Actor | Description |
| Doctor | The certified doctor with permissions to use the iCLINIC software. |

# iCLINIC System Use cases

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| --- | --- |
| Use Case | Description |
| Log In | Allows the doctors to Login to the system. The doctor can tap his/her name and can “ink” their password in a box. The user can also input their information using the on-screen keyboard |
| Verify User | Verifies if the user logging in is recognized by the system |
| Display Login Error | Displays an Error Message if the login information is not recognized |
| Get Permissions | Gets permission of user based off of their login information if they are recognized by the system |
| iCLINIC Board | Shows a list of patients based off of their geographical location |
| My Board | Shows a list of patients belonging to the doctor that selected “My Board” |
| Palette | Simplifies or expands the view of documents shown on the screen |
| Add Document | Able to insert new text into existing documents to update patients’ needs |
| Add Image | Image can be imported using a scanner or by selecting it from the stored images |
| Patient Tag | Applies a metadata tag to the patients document that includes:  Patient ID, Doctor ID, Date of Creation, Modification Date, Brief Description |
| Add Patient | Doctors can add new patients to the iCLINIC directory |
| Modify Patient | Existing patients’ status can be modified. Status includes: ID, name, address, date of birth, height, weight, blood-type, BedID, Treatment area, and all other aspects regarding the specific patients’ documents |
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# iCLINIC System Use Case Diagram

