



**Kalafong Provincial
Tertiary Hospital**

Gynaecological Patient Information management System:

Functional Requirements

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Final Version

May 24, 2015

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1 Introduction

This document contains detailed specifications of the functional requirements for the Gynaecological Patient Information management System.

It describes and defines major use cases identified as given by the client's original project specification. As well as a clear overview of the system represented as a domain model

The following topics are addressed in detail with supporting diagrams for each use case. :

- Use case prioritization.
- Service construct and conditions.
- Required functionality
- Process specifications

2 User Handling

Use Cases

2.1 User login

Description:

this use case defines the ability for a user to log into the system and to enter in the needed data.

2.1.1 Prioritization:

Critical

2.1.2 Conditions and Data Structures:

Pre-Conditions:

- The user must have a valid username and password for the system.
- The user must not already be logged into the system.

Post-Conditions:

- The user is logged into the system.
- The user may proceed with data entry.

2.1.3 Required Functionality:

2.1.4 Process Specifications:

2.2 User logout

Description:

2.2.1 Prioritization:

2.2.2 Conditions and Data Structures:

Pre-Conditions: Post-Conditions:

2.2.3 Required Functionality:

2.2.4 Process Specifications:

2.3 User Authorization

Description:

2.3.1 Prioritization:

2.3.2 Conditions and Data Structures:

Pre-Conditions: Post-Conditions:

2.3.3 Required Functionality:

2.3.4 Process Specifications: