



**Kalafong Provincial
Tertiary Hospital**

Gynaecological Patient Information management System:

Functional Requirements

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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 login

Description: This use-case enables a user to log into the system so as to insert medical data.

2.1.1 Prioritization:

Critical

2.1.2 Conditions and Data Structures:

Pre-Conditions:

- , The user must be found on LDAP, thus have a valid username and password.
- The user must not already be logged in.

Post-Conditions:

- The user is logged in.
- The user is authenticated.
- The user can carry out system activities.

2.1.3 Required Functionality:

2.1.4 Process Specifications:

2.2 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:

3 Patient Details-General User

Use Cases

3.1 addPatientDetails

Description: This use-case enables a user to log into the system so as to insert medical data.

3.1.1 Prioritization:

Critical

3.1.2 Conditions and Data Structures:

Pre-Conditions:

- , The user must be found on LDAP, thus have a valid username and password.
- The user must not already be logged in.

Post-Conditions:

- The user is logged in.
- The user is authenticated.
- The user can carry out system activities.

3.1.3 Required Functionality:

3.1.4 Process Specifications:

3.2 Logout

Description:

3.2.1 Prioritization:

3.2.2 Conditions and Data Structures:

Pre-Conditions: Post-Conditions:

3.2.3 Required Functionality:

3.2.4 Process Specifications: