



**Kalafong Provincial
Tertiary Hospital**

Gynaecological Patient Information Management System:

System Tests

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1 Introduction

This document documents and tracks the necessary information required to effectively define the approach to be used in the testing and evaluation of the Patient Information Management System designed by the group Pentect for the Kalafong

The following Patient Information Management System Use cases that were thoroughly tested are:

- User Login
- PIMS Artificial Intelligence
- PIMS Statistics
- PIMS Notifications
- PIMS Space

Testing was done on the system mainly for the following 5 reasons:

- To ensure that the system meets both functional and non functional requirements according to the given specifications
- System stress. To make sure that the system does not fail with multiple users
- To handle and resolve with System failures and bugs appropriately and in good time.
- PIMS Notifications
- To ensure that the final product is of top, professional, software engineering standards.

2 What is tested

3 Functional testing

3.1 PIMS Login

3.2 PIMS Notifications

3.3 PIMS Edit Profile

3.4 PIMS Add User

3.5 PIMS Artificial Inteligence

3.6 PIMS Statistics

3.7 PIMS Predictions

4 Non-functional Testing

4.1 Usability

4.2 Scalabillt

4.3 Performance

4.4 maintainability,

4.5 Reliability

4.6 Secutity

4.7 Monitorability

5 Remarks

5.1 Stress handeling

5.2 rmark 4

5.3 remark 3

6 Conclusion