



# **Gathering and Designing a Multi-Disciplinary Surgical Clinical Ward Handover System at the SAN Hospital**

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under the direction of  
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# Surgical Clinical Ward Handover System

**Abstract**

**Acknowledgements**

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# 1 Introduction

## 1.1 Client Profile

## 1.2 Project Description and Scope

## 1.3 Project Objectives

- Rewrite the current Pay By The Month Service into Java
- Increase resilience, maintainability, extensibility and reporting
- Minimize complexity by using plain Java without application frameworks

### 1.3.1 Risks

Ref #	Probability	Impact	Description	Mitigation
R.1	Medium	High	Developer overloaded	Increase allotted project time for developer
R.2	Low	High	Communication problems expert in with external systems	Incorporate external system troubleshooting as well as using proof of concepts
R.3	Low	Medium	Unforeseen required feature	Include in current or next iteration. Reveal missed stakeholders

### 1.3.2 Assumptions

Ref #	Description	Validated By
A.1	External Systems will not change their communications interfaces for the project duration	Adam Reitsma
A.2	Developer, System Test and Production instances will be available for the project	Adam Reitsma
A.3	Testing will be done by developers as well as dedicated testers	Adam Reitsma
A.4	Use of open source third party libraries is allowed	Adam Reitsma
A.5	The bottleneck in terms of performance will be the actual monetary transaction between Suncorp and the bank	Anand Ria

### 1.3.3 Issues

Ref #	Priority	Description	Owner
I.1	Medium	Late start for project due to waiting for management decisions	Management
I.2	Medium	Legacy system expert is on vacation during iteration 0	Management

### 1.3.4 Dependencies

Ref #	Internal / External	Description	Date of Impact
D.1	External	The mainframe system must deliver the transaction files to the prescribed destination for PBTM pickup	01/03/2011
D.2	External	Message Broker and Payment Gateway must be running to complete the transaction process	01/03/2011

### **1.3.5 Client Policy**

### **1.3.6 Constraints**

### **1.3.7 Exclusions**

## **1.4 Anticipated Outcomes / Results for the Project**

## **1.5 Benefits of the Project**

## 2 Methodology

### 2.1 Overview

### 2.2 Tools and Skills



## **2.3 Literature Review**

## **2.4 Scope and Schedule**

## 3 SANSURGIMS

## **4 Evaluation**

### **4.1 Testing Procedures**

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## 5 Future Work

## **6 Reflection**

### **6.1 Contribution**

### **6.2 Difficulties**

### **6.3 Lessons Learned**

### **6.4 Future Suggestions**

## **7 Conclusion**

### **7.1 Concluding Remarks**

### **7.2 Strengths and Weaknesses**

### **7.3 A Second Time**

### **7.4 Future Work**

## A Appendix

Include the following:

- Scans of original questionnaires
- Screenshots of SANSURGIMS (Web and Designer)
- Scans of important forms (Nursing Care Record & Patient History)