MCMASTER UNIVERSITY

CAS 4ZP6 CAPSTONE PROJECT 2013/2014

PORTER SIMULATION

Test Plan Revision 0

Authors: Vitaliy Kondratiev Nathan Johrendt Tyler Lyn Mark Gammie

Supervisor: Dr. Douglas Down

October 27, 2013

CONTENTS

1	Introduction	4
2	Objectives and Tasks 2.1 Objectives	4 4
3	Scope	4
4	Testing Strategy 4.1 Alpha Testing (Unit Testing) 4.2 System and Integration Testing 4.3 Performance and Stress Testing 4.4 User Acceptance Testing 4.5 Batch Testing 4.6 Automated Regression Testing 4.7 Beta Testing	4 4 4 4 4 4 4 4
5	Hardware Requirements	4
	Environment Requirements 6.1 Main Frame	4 4
7	Test Schedule	4
8	Control Procedures	4
9	Features to Be Tested	4
10	Features Not to Be Tested	4
11	Resources//Roles Responsibilities	4
12	Schedules	4
13	Significantly Impacted Departments (SIDs)	4
14	Dependencies	4
15	Risks/Assumptions	4
16	Tools	4

17 Approvals 4

- 1 Introduction
- 2 TEST FACTORS AND RATIONALES
- 2.1 RELIABILITY
- 2.2 Ease of Use
- 2.3 PORTABILITY
- 2.4 Correctness
- **3 SPECIFIC SYSTEM TESTS**
- 4 Proof of Concept Tests
- 5 EXECUTIVE SUMMARY
- 6 SCHEDULE