# Introduction

This document includes details about testing the new Cake Shop web application.

# Scope

Scope includes all the application testing from end to end. Details are listed in next sections.

# Testing Strategy

## Alpha Testing (Unit Testing)

## Development team is expected doing unit testing within development period. There is no additional time in project plan for unit testing. All conditions are expected to be tested and documented by developers before system testing.

## System and Integration Testing

System test is done by test engineers.

All system test cases are listed in attached document:

Performance and Stress Testing

100 concurrent users will be tested by an automatic testing tool. Response times should be measured under high usage.

## User Acceptance Testing

Users will create their own test cases, and will test the functionality.

## Batch Testing

Automatic cancelling function will be tested in this section. Also, file maintenance batches should be tested.

## Security Testing

All pages will be tested against SQL injection. Additionally, unauthorized page load must be prevented. These scenarios are included in system test steps.

# Test Schedule

Test schedule is shown in project plan.

# Dependencies

Homepage and login functionalities should be tested first. Customer and owner pages can be tested afterwards. These two pages have interactive functionalities, so they must be tested accordingly.

# Risks/Assumptions

There are limited number of users and owners who will do user acceptance test. This risk will be mitigated by changing the roles. Owners will also test the customer pages.

# Tools

JIRA will be used for both system and user test scenarios. For performance testing WebLOAD, and for batch testing QTP will be used.

# Approvals