

TEST PLAN

Improvement for Lunch Order Module

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1 Introduction

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 Objectives

Lunch Order is an Odoo-based module used to support employees of organizations and companies to order lunch easier.

This project is to extend the “Lunch Order” module, providing the feature “Sending email to vendors” and the feature Favorite Order.

1.2 Team Members

Resource Name	Role
Thu Nguyen	Project Manager Software Analyst Developer Code Reviewer and Tester
Jirakit Paitoonnaramit	Developer Architecture Designer Code Reviewer and Tester

2 Scope

The features to be tested during testing phase are:

- Sending emails
- Favorite Order

Other features are not tested in this plan.

3 Assumptions / Risks

3.1 Assumptions

The existing features of Lunch Order module were tested thoroughly and work well.

3.2 Risks

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

#	Risk	Impact	Trigger	Mitigation Plan
1	Testing phase is delayed because the features are not ready for testing according to the plan	High	Delays in implementation date	The progress of the project as well as the implementation phase must be communicated among all team members frequently. Request more resource for the testing phase.
2	Test cases are not complete and correct	High	Requirement is not clear and not complete	Review requirement specification carefully before implementation and writing test cases
3	Test cases are not available in testing phase	High	Loss of test cases	Make a backup of test cases frequently

4 Test Approach

The project is based on Odoo which supports Test automation already. Therefore the test strategy is test automation which runs whenever the module is upgraded or installed.

Test type	Test method	Note
Functional/Component test	Test Automation + Manual	Triggered whenever the module is upgraded and installed
Regression/Integration/System test	Manual	
UAT	Manual	

5 Test case selection criteria

Followings are the criteria to select test cases for functional testing for features.

No.	Functional/Component testing	Criteria
1	Send Email	Equivalent Partitioning
2	Favorite Menu	Equivalent Partitioning Boundary Value Analysis

6 Test Environment

Testing and staging environment is local machine.

7 Milestones / Deliverables

7.1 Test Schedule

Task Name	Start	Finish	Effort	Comments
Test Planning	1/12/2017	1/12/2017	1d	
Review Requirements documents	1/12/2017	1/12/2017	0.5d	A Subtask of test planning
Create initial test estimates	1/12/2017	1/12/2017	0.5d	A Subtask of test planning
First deploy to QA test environment	2/12/2017	2/12/2017	0.5d	
Functional/component testing	2/12/2017	4/12/2017	2d	
Integration/Regression/System testing	5/12/2017	6/12/2017	2d	
UAT	7/12/2017	7/12/2017	1d	
Resolution of final defects and final build testing	8/12/2017	11/12/2017	4d	
Release to Production	12/12/2017	14/12/2017	3d	

7.2 Deliverables

Deliverable	For	Date / Milestone
Test Plan, test cases, test result	Project Manager; Customer	14/12/2017