**Hong Kong Institute of Vocational Education**

**(Tuen Mun)**

**Department of Information Technology**

**HD in Software Engineering (IT114105)**

**Final Report**

**Date: XXXXX**

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| **Class:** |  | **Group No.:** |  |

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| --- | --- | --- | --- |
| **Student No** | **Student Name** | **Contribution to the project (%)**  **(Total 100%)** | **Signature** |
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We declare that this is a group project and that no part of this submission has been copied from any other student’s work or from any other source except where due acknowledgement is made explicitly in the text, nor has any part been written for us by another person.

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# 

# Abstract

# Introduction

# Assumption (optional)

# Problems Finding

# Functional Requirement

# Non-Functional Requirement.

## 6.1 Product requirement

## 6.2 Organizational requirement

## 6.3 External requirement

# System Architecture

## 7.1 Benefits

## 7.2 Constraints and Limitations

# System Design with UML

## 8.1 Actor Description

## 8.2 Use Case Diagram and Description

### 8.2.1 Use Case Diagram

### 8.2.2 List of Use Cases



### 8.2.3 Use Case Description

## 8.3 Sequence Diagram

# Database Design

## 9.1 Entity Relationship Diagram

## 9.2 Data Dictionary

# User Interface

# Test Plan

e.g.

|  |  |
| --- | --- |
| **Test Case ID** | TC-101 |
| **Test Case Description** | Check the search result correctness on searching with supported English word |
| **Steps** | 1. Enter “Apple” in look up fields 2. Press Enter to submit search 3. Go to <http://en.wikipedia.org/w> and search “Apple” 4. Compare result between the program & the web site |
| **Test Data** |  |
| **Priority** | High |
| **Pre-Conditions** | The program executed with default setting |
| **Expected Result** | The program returns the same result as the web site does |
| **Final Result** | Failed, The program returns the same article but error in loading image. |
| **Expected Testing Date** | 8th Nov, 2014 |
| **Actual Date** | 6th Nov, 2014 |
| **Owner** | Matthew |

# User Guide

# Project Schedule

# Conclusion

# Project Log

# Reference or Bibliography

# Appendices