[Cover page]

Name of project:

Student name:

Student ID (UoG ID not FGW ID):

Tutor:

Academic year:

[Acknowledgement]

[Table of contents, Table of figures , …]

# **Introduction**

* Introduce project:
* Summary of report:
* Report organization by chapters

# **Literature Review**

## Domain (<-- replace by your specific domain): Ex: eCommerce

* Where did the idea for the project come from?
* How did you work out your aims and objectives?
* What research papers have you read?
* Did you consider any social, legal, ethical or professional issues related to your project question?

## Technologies

* Overview
* Advantages & Disadvantages
* The reason to select for your project

## Methodologies9

* Overview
* Advantages & Disadvantages
* The reason to select for your project?

# **Requirement Analysis**

## Similar application (website / mobile apps / …)

### App1 (EBay)

Review app1 (UI, Security, Speed, …)

* The reason to choose the system/app to review
* Review the UI of the system / app
* Review the features of the system / app
* Point out the advantage and disadvantage of the similar application

### App2 (Tiki)

## Requirements

(Use knowledge Requirement / HCI + Similar app reviews) => analyze your application requirements

* Business Requirement (the features of the system / app)
* Solution requirement (Technology, Architect)
* Non-Functional Requirement (Performance, Security, Browser Support, OS support, device support)
* Project requirement (time-line, milestones)
* Stakeholder Requirements
* If use Waterfall: WBS, Milestones, Requirement specification
* If use Agile/Scrum: Product Backlog, Sprint list, Sprint backlog

# Design

(Each diagram needs explanation)

## System Architecture

## Use case diagram

## Class diagram

## Database Design

## Activity Diagram

## Wireframe

# Implementation

Explain how you build your application / system (should depend on your specific application)

* Tools to develop the application
* Code structure, class structure
* Important classes / algorithms
* Important API / Libraries (HOW)
* Components relations / connections
* The Development Environment
* Technical problem & solutions
* Build notes / Deployment notes
* Plan to develop:

+ Agile / Scrum: Sprints / Sprint backlog

+ Waterfall: Milestone / Task

# **Evaluation**

## Results

(Screenshots important features)

## Test

* Test plan
* Test logs
* Review failed cases

# **Conclusion**

* Summary what have been done
* Lessons learnt
* Problems / solutions
* Future works
* Self-evaluation (technologies / methodology / app / …)

# **Appendix**

## Plan (from Proposal)

(If modify, explain)

(DON’T COPY PROPOSAL INTO APPENDIX)

## Other