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# A2 - System Requirements Specification

for  
**Crowd Quizmaker**

Version 0.1

Prepared by **0N3 N16H7 PR0J3C7**

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<https://github.com/ChayanonPitak/261361-Project/>

# Revision History

Name	Date	Reason for changes	Version
Chayanon	5 Jan 2023	Initial draft	0.1

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# 1 Introduction

## 1.1 Purpose

Lecturer team of 261111 - Internet and Online Community, Chiang Mai University have created this course to create realize in technology, internet and online community and proper behaviour of using it. Originally, the course itself are using typical way of evaluate the understanding - assignments and exams which is one-way activities. The lecturer team have decided to create a new way of evaluate the understanding of the students by creating a quiz application that students also contribute the quiz creation from the knowledge they have learned from the course and try to answer and review the contributed quizzes. The application will be called Crowd Quizmaker.

## 1.2 Scope

Our software (Crowd Quizmaker) will be a cross-platform (Windows, MacOS, iOS, Android) web application that lecturer (or quiz admin) can create a quiz topic and students (or anyone - as quiz contributor) can contribute to a quiz - create, answer and review. Any users can be quizzes admin and/or quiz contributor and quizzes topic doesn't need to be academic purpose. Quizzes admin can specify what can quizzes contributor do.

## 1.3 Product Overview

### 1.3.1 Product Perspective

### 1.3.2 Product Functions

### 1.3.3 User Characteristics

### 1.3.4 Limitations

## 1.4 Definitions

## 2 References

ISO/IEC/IEEE 29148:2018

<https://ieeexplore.ieee.org/document/8559686>

Systems and software engineering – System and software requirements engineering – System requirements specification

CPE111 - Internet and Online Community facebook pages

<https://www.facebook.com/CPE111/>

Canvas Learning Management System

<https://www.instructure.com/en-au/canvas/>

# 3 Specific Requirements

## 3.1 External Interface

### 3.1.1 System Interfaces

### 3.1.2 User Interfaces

### 3.1.3 Hardware Interfaces

### 3.1.4 Software Interfaces

### 3.1.5 Communications Interfaces

## 3.2 Functions

## 3.3 Usability Requirements

## 3.4 Performance Requirements

## 3.5 Logical Database Requirements

## 3.6 Design Constraints

## 3.7 Software System Attributes

## 3.8 Supporting Information

# 4 Verification

## 4.1 External Interface

### 4.1.1 User Interfaces

### 4.1.2 Hardware Interfaces

### 4.1.3 Software Interfaces

### 4.1.4 Communications Interfaces

## 4.2 Functions

## 4.3 Usability Requirements

## 4.4 Performance Requirements

## 4.5 Logical Database Requirements

## 4.6 Design Constraints

## 4.7 Software System Attributes

## 4.8 Supporting Information

# 5 Appendix

## 5.1 Asumptions and Dependencies

## 5.2 Acronyms and Abbreviations

## 5.3 A1 - responsibility

- **Suwat Inkaew 610610521** (0%) -
- **Kritsanaphong Tepweerakul 630610714** (0%) - Consult with stakeholder(s) about project (Prof. Sakgasit Ramingwong / 23 Dec 2022)
- **Kitpisan Tanngan 630610716** (0%) -
- **Chayanon Pitak 630610724** (0%) - Docuent setup, Consult with stakeholder(s) about project (Prof. Sakgasit Ramingwong / 23 Dec 2022)
- **Nadtaphong Jandaboot 630610743** (0%) -
- **Woranut Kitchakan 630610760** (0%) -

## 5.4 A2 - Responsibility percentage calculation

Activities that not directly contribute to the document

- Consult with stakeholder(s) 0% each sessions

Activities that is directly contribute to the document

- Document setup 0%