

# **Software Requirements Specification**

**Project Subject: Online Quiz Website**

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**Course Title: Software Engineering**

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# Contents

## 1. Introduction

1.1. Purpose .....	3
1.2. Project Scope.....	3
1.3. Glossary .....	4
1.4. Overview of Document.....	5

## 2. Overall Description

2.1. System Environment.....	6
2.2. System Use Case.....	7
2.3. System Process Model .....	8

# **1. Introduction**

## **1.1. Purpose**

**In this document we are going to present a detailed description of the Online Quiz Website.**

## **1.2. Project scope**

**In this website students and teachers can sign up and create their own accounts to use site features. Teachers can make questions for each field. Put a short summary for their lessons so students can read it and learn the most important notes.**

**This website is used for teachers to realize how good their students are in that part of lessons that they've tested.**

**This website can be used for every teacher and its students.**

### 1.3. Glossary

<b>Term</b>	<b>Definition</b>
<b>Teacher</b>	<b>Who can make question or write short summary for his/her lesson</b>
<b>Student</b>	<b>Who is being tested</b>
<b>Database</b>	<b>Collection of all questions in every field with different types of difficulty</b>
<b>Viewer</b>	<b>Everyone who can see the website</b>
<b>Field</b>	<b>Subjects of lessons</b>
<b>Software Requirements Specification</b>	<b>A document that completely describes all of the functions of a proposed system and the constraints under which it must operate.</b>
<b>User</b>	<b>Teacher or Student</b>
<b>Sign up</b>	<b>The process of making new account</b>
<b>Log in</b>	<b>Go through your account</b>
<b>Timer</b>	<b>Each test should be finished in certain time and timer will manage that</b>
<b>Test Result</b>	<b>Result will be shown as percentage and student can review questions and see answers below each question</b>

## **1.4. Overview of Document**

**The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It would explain what we use as an agile model in our process model and its advantages.**

## **2. Overall Description**

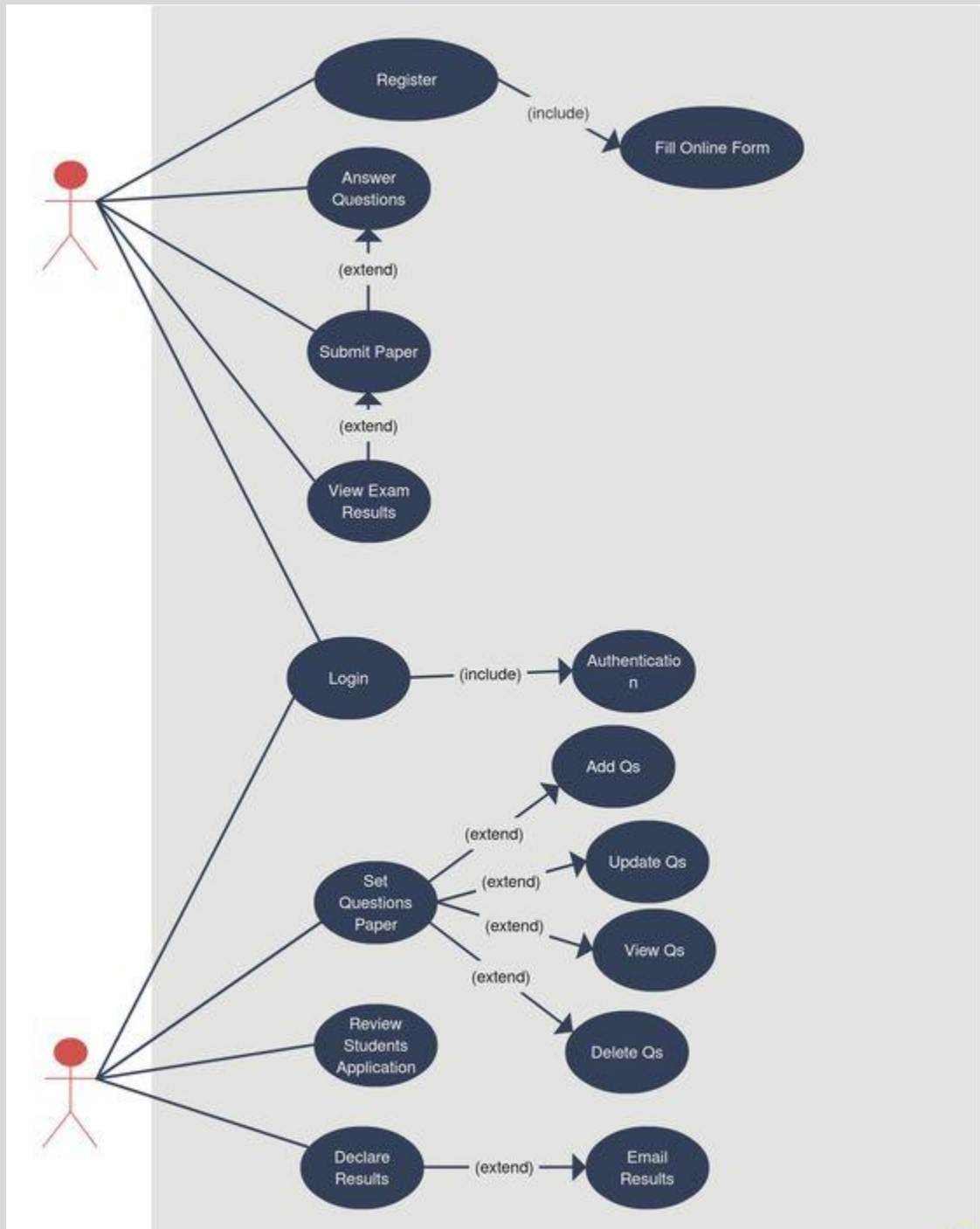
### **2.1. System Environment**

**This Online Quiz Website has three active actors and one cooperating system.**

**Teachers, students and viewers can access the system through the internet. Teachers access the entire system such as questions, answers, results, etc. Students at first access only the questions that have been selected by the teacher and after that access the answers of those questions and her/his test result.**

**All users such as teachers, students or people who just want to visit the site can access the website using pc, laptop, mobile phone or any device that can connect to the internet.**

## 2.2. System use case



## **2.3. Process Model**

**Process model is the mechanism of dividing software development work into distinct phases to improve design, product management, and project management. It is also known as a software development life cycle. We have two general process models: waterfall and agile.**

**We chose an agile model because now our project is small and it is better to use that model.**

**Because of following points agile model is better to use for us:**

- **We can deploy software quicker, so customers can get value sooner.**
- **Waste fewer resources because working on up-to-date tasks**
- **Adapt better to change and respond faster**
- **Faster turnaround times**
- **Detect and fix issues faster**