Use Case Document

# Typical Users

## Quiz Maintainer

The quiz maintainer wants to create Quizzes for their French class based on the knowledge they have taught in their lectures. They create quizzes that have questions that vary from Multiple choice to True or False that their students can answer when they send the link out publicly. They want to have the ability to create, edit and update, delete, import and export quizzes.

## Quiz Master

The quiz master wants to be able to send out links to as many people as they’d like to give them access to the quiz before starting it. They also want to be able to turn on or off timing and step through each question if the timer is off. Finally, if the quiz needed to be cut short, they should be able to stop the quiz even if all the questions haven’t been answered.

## Quiz Participant

The quiz participant needs to be able to access a link to a quiz that is started by the quizmaster and should be able to answer each question from a shared screen. Once the quiz is complete, the participant should receive a mark indicating how well they did in the quiz.

# Use Cases

## Quiz Maintainer

* Registering
* Logging in
* Creating a quiz
* Updating a quiz
* Deleting a quiz
* Importing a quiz
* Exporting a quiz

## Quiz Master

* Registering
* Logging in
* Accessing quizzes through web links
* Share a link to quiz participants
* View a shared screen that quiz participants will see
* Turn on or off the timer in quiz
* Step through each question if the timer is off
* Stop quiz at any time

## Quiz Participant

* Access quiz through a shared link
* Answer questions from the shared screen
* Receive a mark at the end of the quiz

# Error Conditions

* Attempt to register without inputting an email or password
* Attempt to login without inputting an email or password
* Attempt to login without a valid email or password
* Create a quiz without a title or description
* Create a multiple-choice question without inputting a question, mark higher than 0 or 2 or more answers.
* Create a true or false question without inputting a question, mark higher than 0 or indicating true or false.