# Ideation Report

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## Introduction

My idea is simple timer for school exams. It should be very easy to set up and clean. It has to be good size to present with projector.

There are some problems with time in exams, because exam is so stressful place for students. Because of that, I have seen that clear definition of different time limits (earliest return time, last return time etc.) help students. And as teacher, I want to show those times crystal clear way.

I and my colleague have tested early version of timer, and it worked very well (it really helped). Programs use case is so clear, that it is easy to teachers pick up.

## Features

* It shows clock and time limits
* It asks time limits with form
  + There are two data in time-limit

1. End time as clock time 12:30 (not countdown)
2. Textual description

* There can be multiple time limits
* Visual green (not full)/red (time ended) circles showing completion

## Market Survey

There is a lot of timers in the web. I have found some nice, but not as I want it.

Countdown is not good for exams, because it causes more pressures for students as exact end time. And most of timers have countdown.

Many free timers have so many advertisements that it is not nice enough.

It is not easy to find timer with textual time limit description.

## References

**https://www.online-stopwatch.com/** is good site and there are some funny countdowns.

**http://www.clocktab.com/** very nice looking and clear clock, but no time limits.

**https://www.timeanddate.com/timer/** clear, textual description, but still countdown (and no clock)