# Introduction

[Motivation] Students today want a well-defined and implemented grade progress visualization application that shows students their current grade and projected possible grades. In addition students want an easily interpreted visualization showing concentrated study times occurring in a single class or more importantly across all current classes.

(Notice I will make a claim next, and hence a research goal is born) Currently, no application allows a student to visually review a projected grade based off their current grade and future course work or visually show concentrated study times required during all their classes. This project includes the following goals:

1. Implement a visualization integrated into Moodle that shares many similarities to burn-up charts from software engineering. This visualization gives students instant feedback and projected information about their current and potential grade within a class.
2. Implement a module in Moodle that shows workloads over the course of the semester across individual and all classes.
3. Study the effects of providing students with these tools against students that did not have these tools.

Giving this information at a glance, where a student can ascertain in a few seconds their grade trajectory within classes and their work load over time in all classes may help motivate students to plan ahead and complete work more efficiently and accurately.

# Background

Brief synopsis of what works we have built on (I assume there will be a fairly good review of burn-up charts here (but not our implementation yet).. Research and review other visualizations – there has got to be a few out there. One place to look is existing grade book software.

Here, we conclude with a discussion of Moodle, and a brief history thereof, discuss the brief history of technologies which Moodle employs in its usage, and also discuss any significant background knowledge concerning the solution and the subject as a whole. (Don’t get into details here though! We’ll leave that to the project report.)

You shouldn’t need subsection in background.

# Proposal

Describe the proposed solution to our problem statement. Here, we will explain how the system as a whole would work, and how components interface with other counterparts and the Moodle system as a whole. [This section is a good place for pictures!!!]

Present a plan

# Evaluation Plan

Here we dicuss how we will analyze our solution and evaluate it. [What we want here: List the ways in which we can gage the success of your project.

# Conclusion

Just what it says