

# 15-400 Milestone 2

<https://j-b-z.github.io/>

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## 1 Milestone progress

This milestone goal was to read papers specifically regarding my topic and discuss them with Professor Shah, Yichong, and Han. To accomplish this, I've read several papers regarding strategyproofness, and I have met with Professor Shah and the others to discuss these results. In addition, I have begun to tackle some small instances of the negative result, which I hypothesized to be possible for the case of 5.

Going into the next milestone, my goal is to continue this approach towards larger problems and perhaps use an algorithm to construct a computer proof for this problem for smaller results.

## 2 Changes

Currently, there are no changes to the rest of the milestones. I can continue to work on these chosen problems as I see fit. The progress I am making seems rather incremental and perhaps insignificant, but I believe that I will be able to achieve some sort of progress on this problem by the end of the semester.

## 3 Resources

I will not require any additional resources.