WolfTutor

A system to enable peer tutoring built on Slack

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ABSTRACT

Peer tutoring is generally accepted as a great way to help students engage with material. WolfTutor is one system, integrated with the popular chat program Slack, that seeks to facilitate peer-to-peer tutoring interactions by providing a mechanism for registering tutors, scheduling tutoring sessions, and incentivizing students to become tutors. This paper proposes an enhancement to WolfTutor's tutoring matching process to help enable students to better choose what tutors they want to match with.

1. INTRODUCTION

1.1 What is WolfTutor

WolfTutor is a system that seeks to enable students to tutor other students in a course-setting. Wolf Tutor is a slack-based chat app that attempts to connect potential tutors in given subjects with students who need help with a course. The idea here is peer tutoring, not expert tutoring. At first blush, it seems like the app is an app to actually facilitate peer tutoring, which is not entirely accurate. Wolf-Tutor has functions to register tutors and students and to schedule tutoring sessions. It does not have functionality to actually perform the tutoring itself, but is a logistic tool to enable the coordination required to schedule tutoring sessions. WolfTutor is also gamified. It rewards tutors who are highly rated with a points system which can be implemented in a number of different contexts to help incentivize students to tutor other students.

1.2 WolfTutor Use Cases

1. Register to be a tutor
2. Schedule an appointment with a tutor
3. Review a tutor
4. View rewards
5. Check availability
6. Check subjects
7. Redeem/buy points
8. Check/receive rewards.

1.3 Pain Points with Wolf Tutor

1.4 Initial Study

2. ENHANCEMENTS

3. ARCHITECTURE

4. PROGRESS

5. VALIDATION

6. CONCLUSION

6.1 Schedule