Satori: Open-source Course Management System

(Technical Report)

Accessibility and Interaction: How Online and
In-Person College Classes Compare

(STS Research Paper)

An Undergraduate Thesis Portfolio
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by

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Preface

Online technology has rapidly transformed virtually every aspect of human life, including university education. With millions of students attending college each year in the United States, it is important to evaluate these changes. How does online technology affect formal college-level education? The fast acceleration in technological innovation results in a need to constantly access if education is going in the right direction. The state-of-the-art changes so quickly that any evaluation becomes out of date within a few years.

How can the office hours queue and support requests procedure be effectively handled for a large university class? My team's technical project, Satori, provides an online course management website to aid instructors teaching large classes. Satori includes an office hour queue and support ticket system. Our project was used in the CS 2150 class over the spring 2021 semester and better handled the higher loads of students than the previous system the class used.

How do students and educators comparatively evaluate online and in-person higher education in the U.S.? As technology has become more advanced and accessible, higher proportions of students are taking at least one of their college classes online. The increased flexibility of online courses appeals to both students and faculty alike. However, in person classes are praised for their quality and greater human interaction.

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