CS252: Project Proposal

Title: Chrome Canvas Extension

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Description:

Our plan is to develop a Google Chrome Extension to integrate Canvas LMS on the home page of the browser. As students, we thought it would be really helpful to have your assignments, grades, to-do tasks displayed as soon as you open up your browser. Canvas LMS includes a REST API for accessing and modifying data externally from the main application, in your own programs and scripts. We are hoping to use JavaScript to store the JSON responses from the API.

Scope:

At the end of the project, we hope to have an extension that could be used by students to have their grades, upcoming assignments displayed on the home page. Students can keep track of their scores and they don't miss out on any assignment submissions.

Progression Timeline:

Week 1: Oct. 9 – Oct. 21	Study about LMS REST API
Week 2: Oct 22 – Oct 31	Research about how Chrome extension works
Week 3: Nov 1 – Nov 15	Implementation
Week 4: Nov 16 – Nov 25	Deliverable #1: Final Project Report