Project Proposal
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Overview

The problem the widget is trying to solve is allowing the user to pin University of Waterloo events and employer information sessions so they can see them at a glance. The widget will also check if those events conflict with their current course schedule.
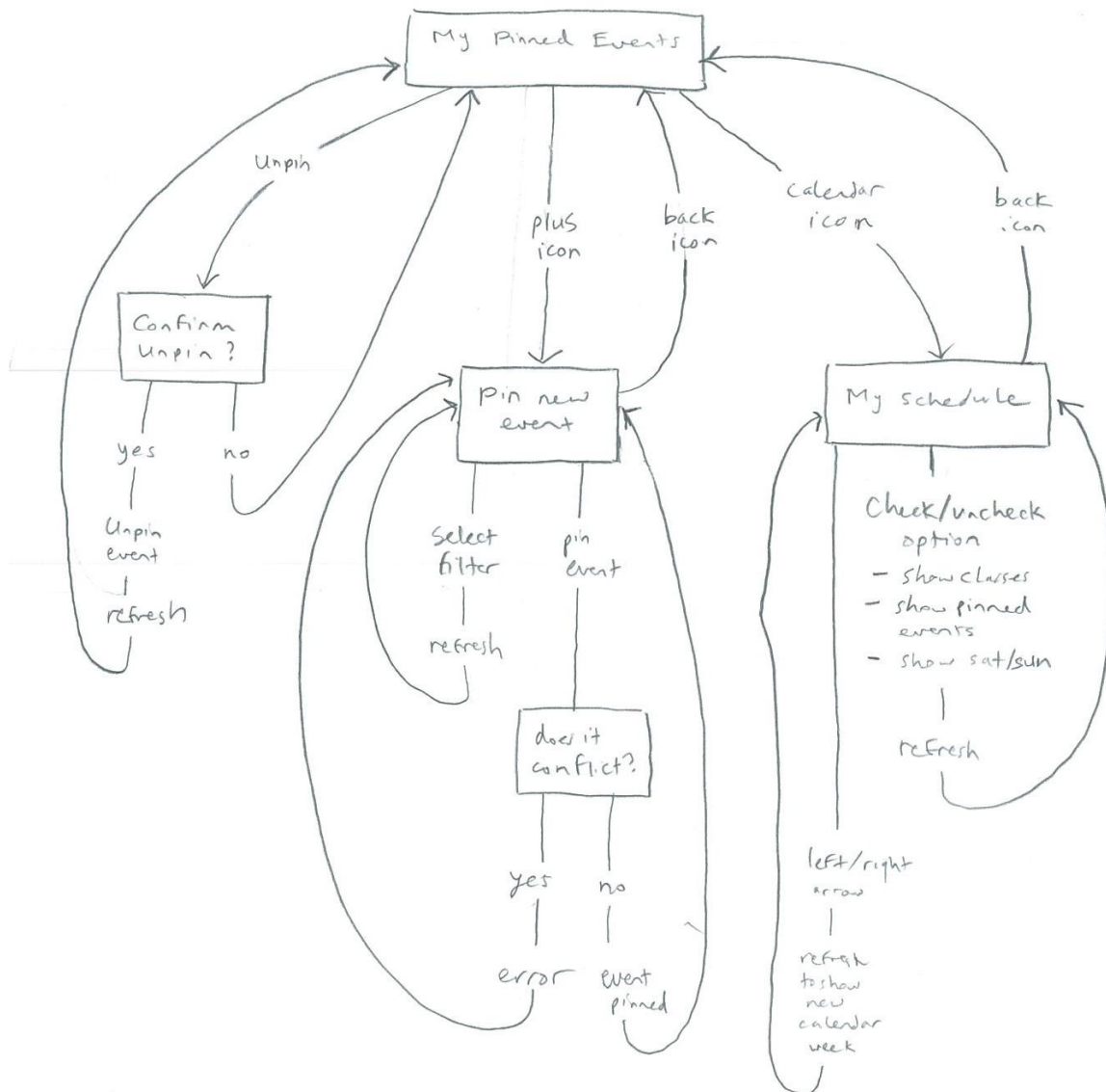
Web Services

Web services that will be used are the University of Waterloo's Open Data API, specifically the *events* and *resources/info* methods. It will also use academic data from Quest, specifically the user's current course schedule.
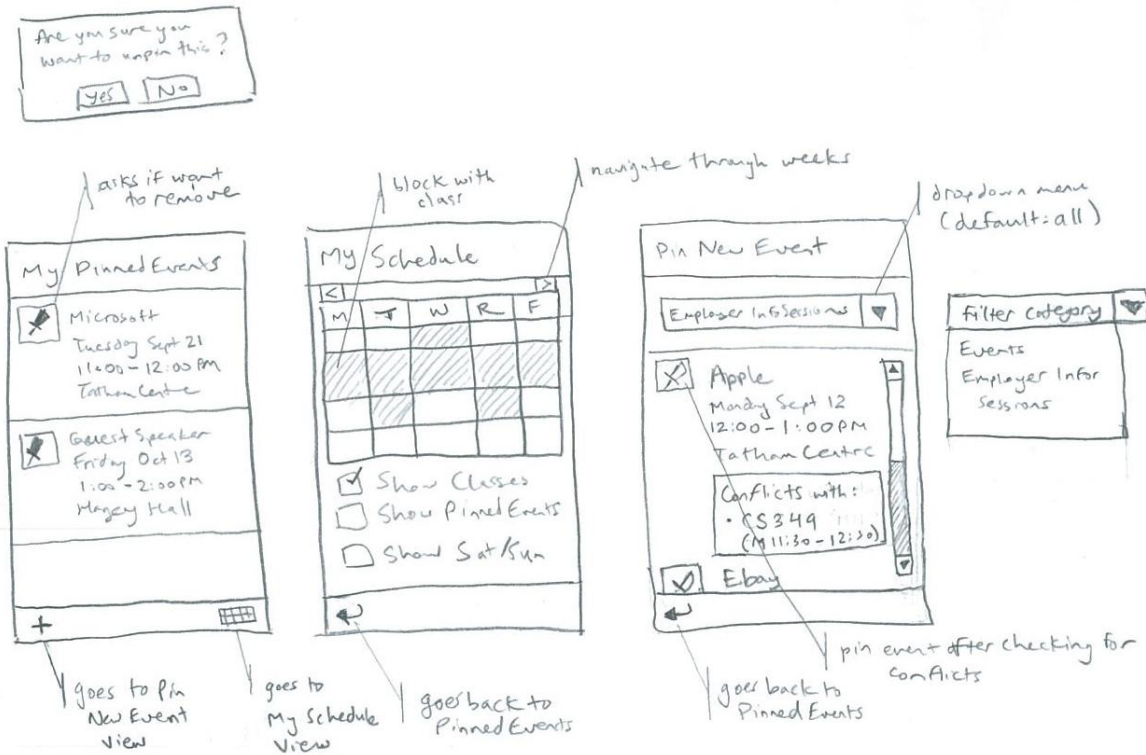
External Libraries

No external libraries will be used.

Interaction Sequence Diagram

Interface Schematics

Challenges

Challenges include properly handling Quest's course data, designing the Schedule view to show a calendar in the limited space, implementing properly working alert/notification boxes, ensuring the widget is mobile-friendly, and testing for potential widget-breaking bugs.