Improving Efficiency of Anesthesiologists through App Redesign

**Problem**
In a fast-paced work environment, effective review of clinical knowledge is crucial for an anesthesiologist’s time management.

**Solution**
We intuitively restructured content based on relevance to anesthesiologists’ goals of expediency and the requirements of our client.

**Empathize**
We created low fidelity wireframes with design solutions based on their shared struggles.

**Combined our meaningful aesthetic decisions with the wireframe restructuring of crucial medical content to create a polished high fidelity prototype.**

**Ideate**
Instead of having to scroll through a long list of nerve blocks in the menu bar, users are now able to browse through all blocks with greater ease.

**Process**

**Empathize**
Came to understand the work of resident anesthesiologists through interviews and usability testing of the current app.

**Ideate**
We created low fidelity wireframes with design solutions based on their shared struggles.

**Prototype**

**Test & Refine**
After testing the usability of our redesign with 4 resident anesthesiologists at the UW Medical Center, we calibrated final revisions.

**Block List (Homepage)**
Instead of having to scroll through a long list of nerve blocks in the menu bar, users are now able to browse through all blocks with greater ease.

**Block Detail**
Instead of having to struggle through cluttered content and unhelpful images, users are now able to find the information they want efficiently.

**Calculator**
Instead of having to interact with tiny buttons and confusing numbers, users are now able to calculate drug dosages with greater clarity and ease.