Drop

CS147: Lo-fi Prototype Presentation
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Overview

our team’s mission → **our app’s mission** → how our app works → what did people think? → what will we change?
Mission Statement

“Drop aims to create a new way of envisioning and understanding resource usage and to alter behavior through that vision.”
<table>
<thead>
<tr>
<th>High-Level Task</th>
<th>Specific Action</th>
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<tbody>
<tr>
<td>See where your resources come from</td>
<td>Find out the source of your water</td>
</tr>
<tr>
<td>Learn about political activity in your area</td>
<td>Vote on a California Proposition that affects one of your supply sources</td>
</tr>
<tr>
<td>Understand your usage</td>
<td>Add your water bill/usage information, compare your use to others and your historical data</td>
</tr>
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Prototype Overview

→ used POP (Prototyping on Paper)
→ about 20 screens in our first iteration
Scenario A

“Find out the source of your water.”
Scenario B

“Vote on a California Proposition that affects one of your supply sources.”
Scenario C

“Add your water bill/usage information, compare your use to others and your past use.”
Experiment

who → n = three participants;
students with varying mobile experience

what → listened to script,
given set of tasks to attempt

how → conducted on iPhone in POP app

roles → photographer, scribe, presenter
Results

incident severity ratings
0 (no problem) → 4 [positive comments]
1 (cosmetic problem) → 6 [moving forward/back]
2 (minor usability problem) → 5 [screen transitions]
3 (major usability problem) → 1 [couldn’t go back]
4 (catastrophe) → 1 [stuck in loop]
Findings

→ confusion in transitions and location within app
→ users prefer data-tracking aspect
→ users wanted to get to certain features faster
→ app more useful for particular demographics
Summary

**goals for next prototype:**

→ balance tasks with our mission to create behavior change on several dimensions
→ iron out transitioning issues (lo-fi specific?)
→ well defined resource graphs and information