ChanceMe - College Admissions Predictions

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Marina Adario, Dion Hagan, Malcolm Mason Rodriguez, David Wihl

The Data

- Data from the CollegeData website
- Acceptance results for 5000 students making 15000 applications to the top 25 U.S. Colleges

Goals

- Build a highly interactive, responsive visualization of an applicant's probabilities of acceptance at an elite US College
- Through several interactive visualizations, allow an applicant or their parent to understand the factors that most impact a college's decision, both in aggregate for all elite colleges as well as specifically for a given top 25 institution

Tasks

Target:

- Choose domain (done)
- Define question (done)
- Explore existing solutions (done)
- Formulate data analysis tasks

Tasks

Design:

- Design visual encoding
- Design interactions
- Design layout and storytelling
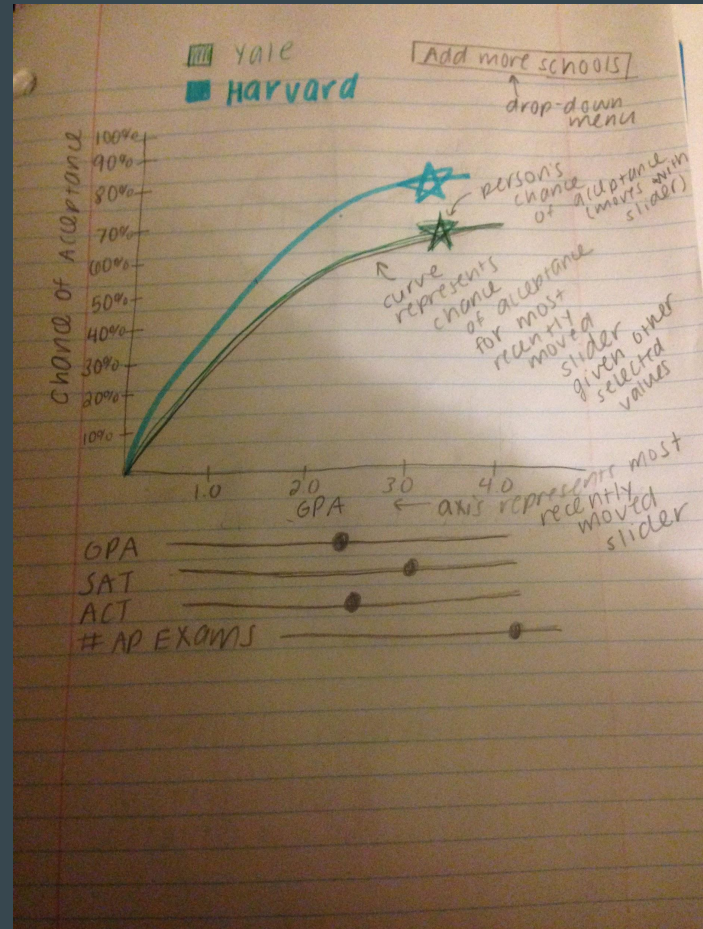- Perform 'paper' user testing

Tasks

Implement:

- Rapid prototypes
- Define data structures
- Design system architecture
- Explore efficient algorithms
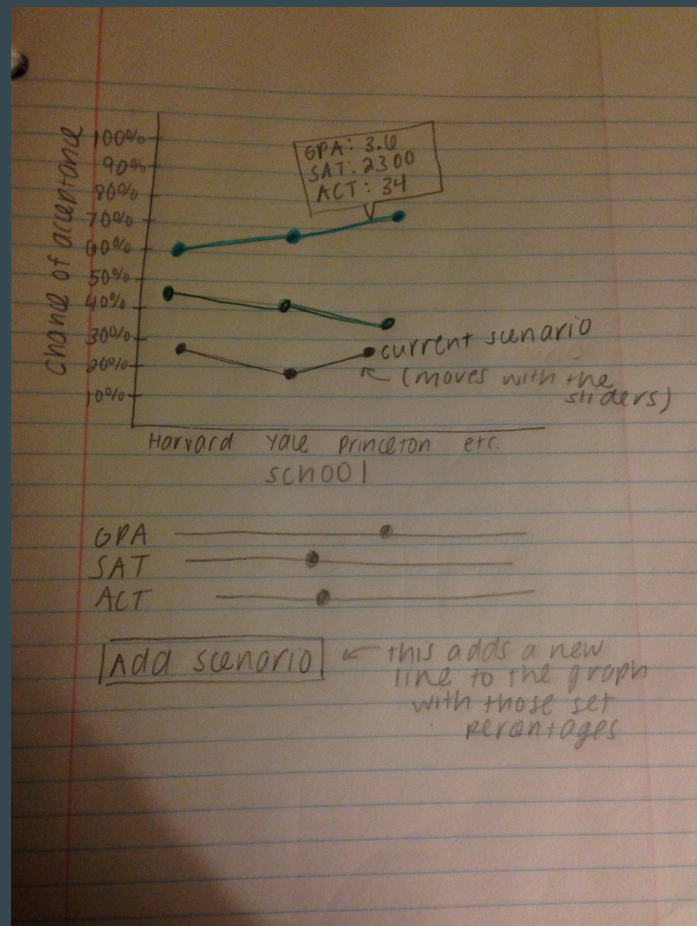
Tasks

Evaluate:

- Is the abstraction right?
- Does encoding and interaction support the task?
- Does encoding and interaction provide new insights?
- Perform user testing with prototype

Sketches - Interactive Page

Sketches - Interactive Page

Sketches -
Data Drill Down Page