

welcome to

COURSE BIDDER

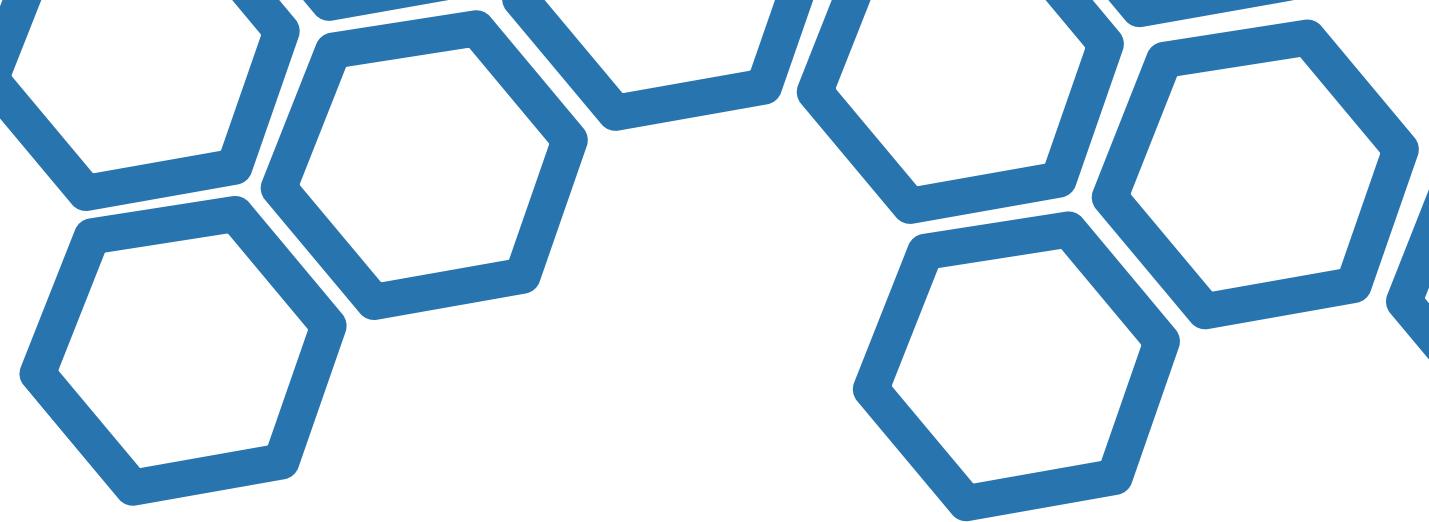
*your go to marketplace for any
and all UCLA courses*

- *create an account*
- *post a listing or search for
an existing one*
- *connect independently as a seller or buyer*



(not affiliated with UCLA)

motivation



- Lack of enough course seating leads to an unconsolidated resale market
- Current access point is social media, specifically Snapchat 📷
- No way to filter through stories, separating listings from external student content or classes from one another
- Price points are rampant and cannot be cross referenced



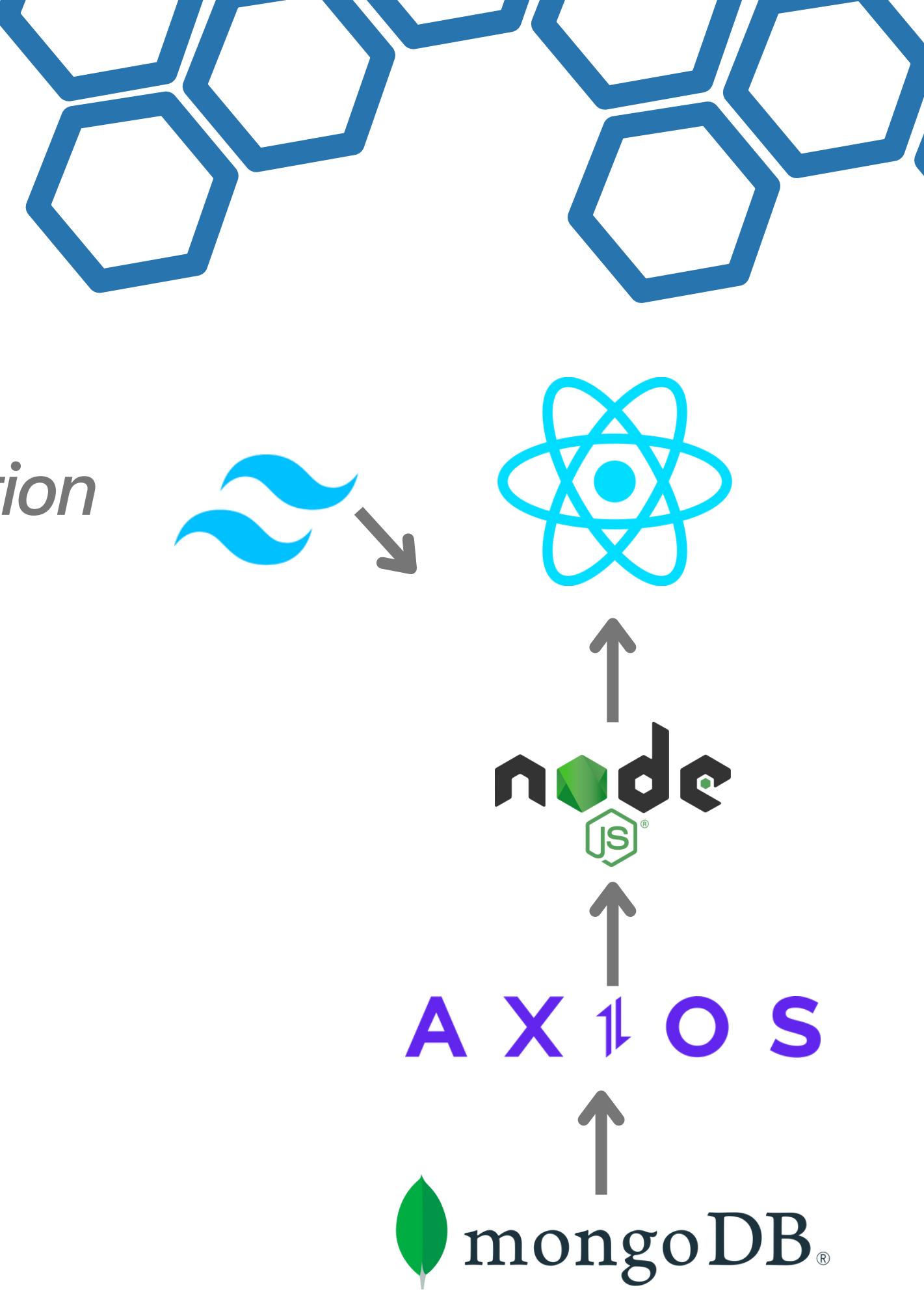
architecture

Front-End

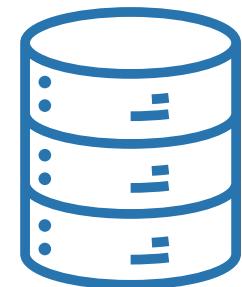
- React coupled with React-DOM for navigation
- Tailwind CSS for all styling

Back-End

- MongoDB Atlas (Cloud-hosted) database
- Axios for HTTP client requests and service
- Python for web scraping and data parsing
- Primarily written in Node.js



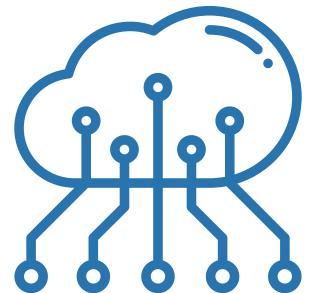
required features



Dynamic Data



*Everchanging interface based on postings
(additions) and transactions (removal)*



Client Uploaded Data



Ability to upload listings to a specific class with price parameter



Meaningful Search



Search with autocomplete on complete class database, price filtration



Authentication



*Encrypted password and editable profile
for each user*

distinct features



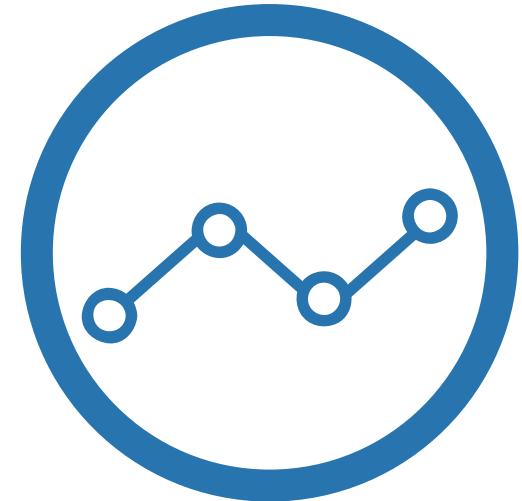
Autocomplete Search



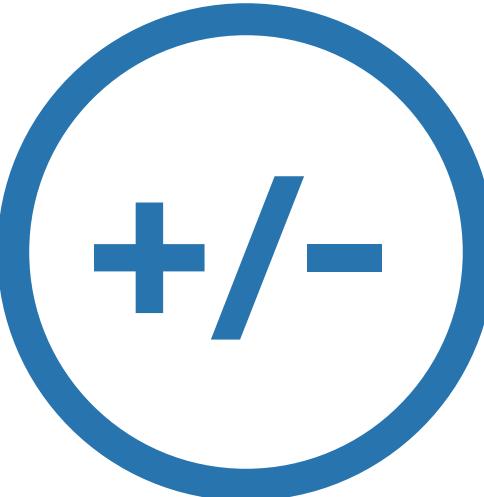
Shopping Cart Page



Universal Search Bar



Scatter Graph



Price Analytics



My Listings Page



DEMO