

Qusai E, Team: Tech Cone T3

Tech Cone System Design

- Designed and Implemented the backend including auth, APIs, and persistence using Django.
- Implemented one type of Data Visualization for the Tech Cone page that is compatible with CSV files.
- Ported Codebase from React/Flask → Django

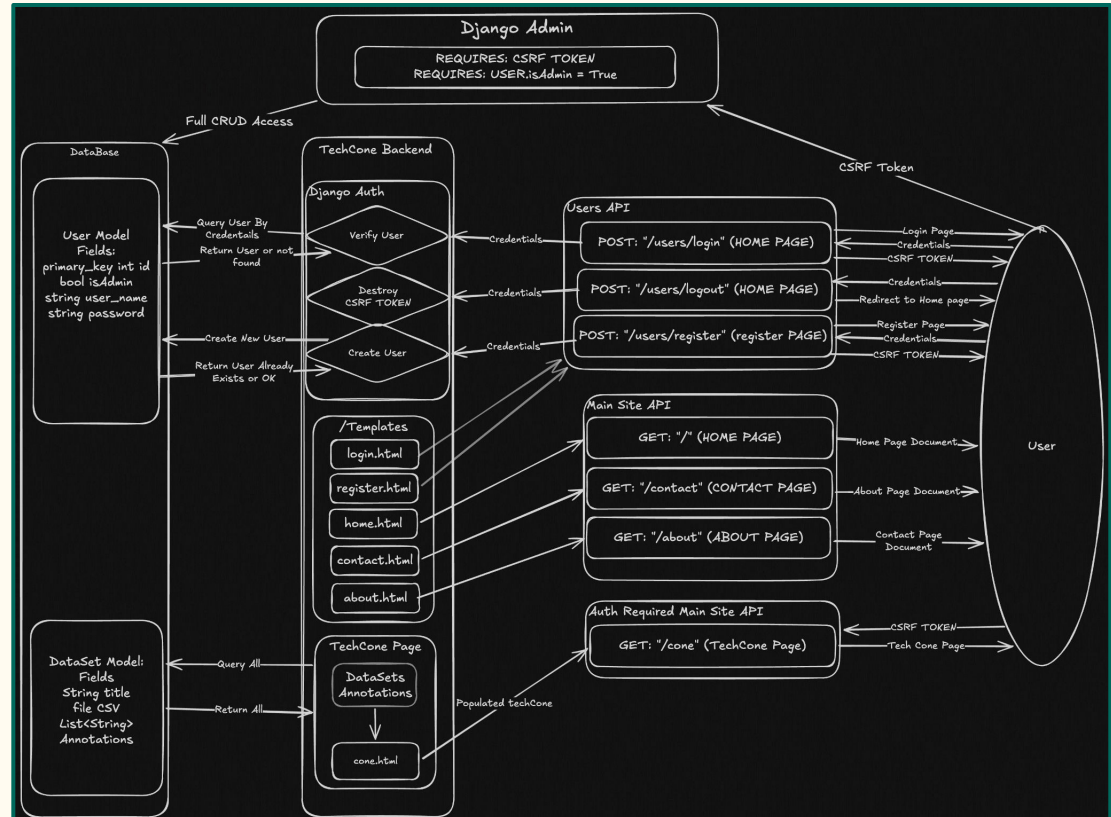
Backend Links: [Users](#), [Auth](#), [Config](#), [API](#)

Data Visualization Link: [Cone](#)

Porting Links: [Old API Implementation](#)

Artifacts: [/courses/cs410/s26/hdeblois/GROUP2/longproj02/t3/qusaie](#)

Deployment In Progress: [Instructions to run Locally](#)



T Shaped Skills

Documentation		Frontend		Backend		Group Software Dev	
PRD writing	Markdown	Html /CSS	JavaScript	Python	System Design	Git	Development Planning
Endpoint Description Document	Excilidraw		React	Flask			
			Plot.js	Django			

Link to 8718.txt: </courses/cs410/s26/hdeblois/qusaie/8718.txt>

Future Plans

- Create User Submissions for Data annotations.
- Gather More CSV files and write innate annotations for key events.
- Add the ability overlay multiple datasets for visualization.

Comments

- Challenges:
 - ◆ Staying organized in a large group development setting.
 - ◆ Deciding on a TechStack
- Outcomes:
 - ◆ Got better at organizing my own work.
 - ◆ Learned how to translate existing code between libraries.

Link to rpaper.pdf: </courses/cs410/s26/hdeblois/qusaie/rpaper.pdf>