

Brandon T - Team 6 Digital Signage

Implemented the backend architecture for Device and Device Group management (models, controllers, etc.)

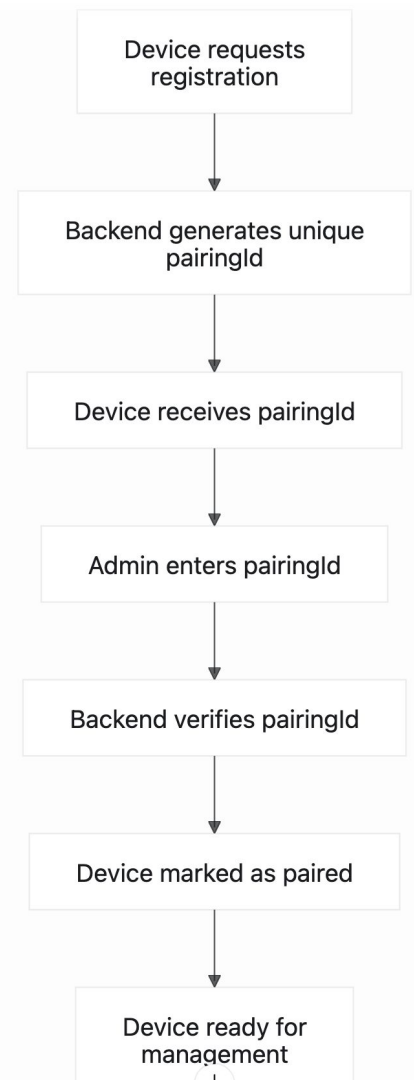
Built REST APIs for Device and Device Group CRUD operations, and assigning devices to groups.

Developed the device registration and pairing workflow using unique pairing ids

Link <https://www.cs.umb.edu/~hdeblois/cs410/longproj01/t6-DS/>

Github <https://github.com/A6Dig/cs410-digital-signage>
<https://github.com/A6Dig/cs410-digital-signage/tree/dev-brandon>

Project artifacts /courses/cs410/s26/hdeblois/GROUP2/longproj01/t6-DS



T-Shaped Skills

Broad skills: Python (FastAPI), Java (Spring), C#, SQL, Git

Deep skill: Backend development (API design, server side logic, database integration)

Future Work

Takeaways:

Model vs DTO separation, deep unit testing

My paper </home/btong1/cs410/rpaper.pdf>