



Degree Maps

Milestone 1

Developed by Group 1

Ming Lei and Xiaoxiao Wang

Created CUNY Degree Maps Home page

Technologies used: HTML, CSS, Bootstrap, JavaScript, JQuery

<https://venus.cs.qc.cuny.edu/~dmap/>

Most crucial part is the Bootstrap which allows us to easily create a responsive page

For syntax we referenced <https://getbootstrap.com/docs/4.3/layout/overview/>

In the future, we plan to work on admin management page when backend is ready

Mockflow Model



Degree Maps

[Home](#)

[Features](#)

[Pricing](#)

[Admin Login](#)

Welcome to CUNY Degree Maps

Campus(required)

Major

Starting Term

Refresh

Submit

Matthew Ross and Maria Nikitina

We worked on implementation of Ajax through JQuery for sending data to the server

Technologies used: HTML, JavaScript, JQuery Library

Most crucial part of the code used the JQuery `post()` method which lets us request data from the server while also sending data along with the request

For syntax we referenced [w3schools.com](https://www.w3schools.com)

In the future, we plan to optimize drop-down select options by loading data from the database using the `load()` method which will allow us to load data from a server and store it in a selected element

Backend (ORM) - Joseph Htet / Harmandeep Singh

Backend Technologies Used (For ORM / REST API)

- Python 3.7
- Django Framework (v2.2)

Documentation

- <https://github.com/cunymap/qmap-documentation/tree/master/backend>

Evan Wu - Database Design/Import

MAPS_ACAD_PLAN

- Degrees Levels/Descriptions

MAPS_INSTITUTIONS

- College IDs and Names

MAPS_DMAPS_META

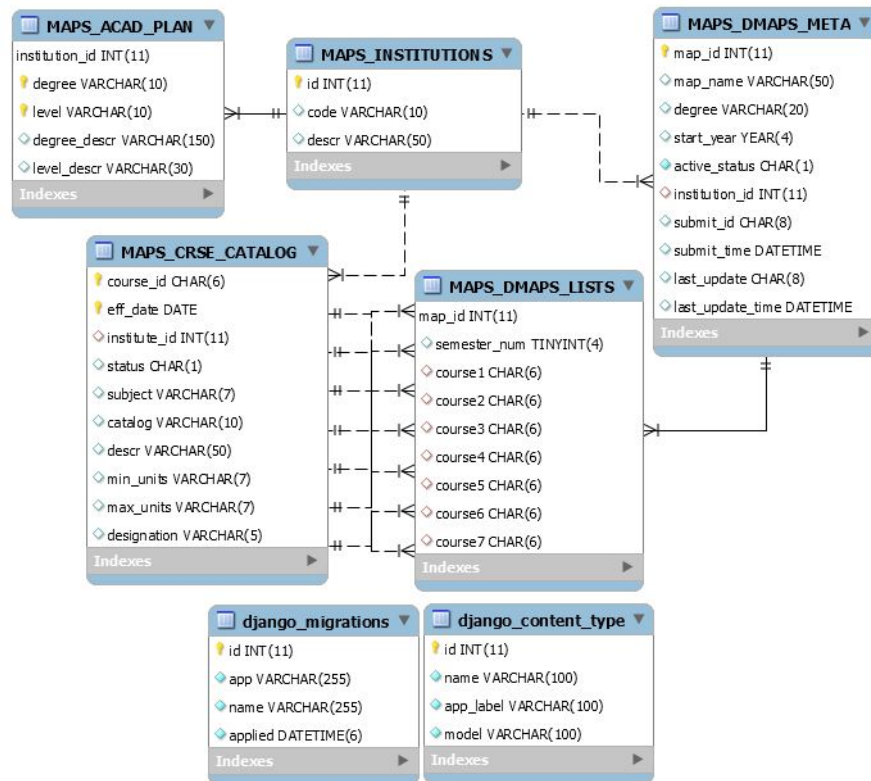
- Maps' metadata

MAPS_DMAPS_LISTS

- Maps' per semester courses

MAPS_CRSE_CATALOG

- Contains course data



Milestones Met

- ✓ Complete Setup of codebase, using road maps and wire frames
- ✓ Implement a dummy website not connected to the backend that will display static data for the user experience
- ✓ Implement python and mysql platform and have test functions to have test functions to ensure data integration is working
- ✓ Setup up deployment pipeline and system
- ✓ a website with a landing page, that will have some clickable elements that show some static, potentially irrelevant data just to show proof of concept.
- ✓ Concept functions that can run basic queries to ensure we are able to establish platform database connectivity.