

## CAS CS400D1

### Problem Set 6 Mongo

Let's extend your Mongo skills.

#### Requirements

0. Create a new branch, PS6. Be sure that your .gitignore file has an entry to exclude /node\_modules from being pushed to github. Create a new PS6 directory to hold your work.
1. Refactor your Node app from PS4 to incorporate a mongoDB database that works like a very simple cache. On the first call from your Angular app, your Node app should call the third-party API, then store the result in mongoDB before sending the response.
2. On subsequent calls for the same data, return the result from your mongoDB store rather than making the call out to the third-party API. Include a field on the response that indicates whether the response came from a third-party call or from cache. Display this indicator on a Pug page so that a user can easily see if a response had been cached or not.
3. Push your homework files to your GitHub repo.
4. Submit the GitHub repo/branch on Gradescope to complete the assignment.