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CMPT467 Networks Project

**Certiorem**

We are going to create a Networking app to notify subscribers whenever new assignments are posted. The application will consist of a GUI on a Web Page. The GUI will have a form as well as a drop down menu, for which users can submit their email address, and choose one of the classes Dr. Agrawal is currently teaching (is posted on his website). The user’s information will then be stored in a MongoDB server. We will create a script in Javascript that will store E Tag from the HTTP Request of the classes web page (ex. [Home.manhattan.edu/~ankur.agrawal/cmpt467.html)](http://Home.manhattan.edu/~ankur.agrawal/cmpt467.html)) and when ran will compare the E Tag it has stored to the E Tag returned, in other words, checking if the website contents have changed. If the contents have changed, then we will have logic to check if the change was indeed a new “Assignment” posting. If it has, then the server will send emails to everyone in the database that has subscribed for that class. The script will rotate to check each webpage one after another. We have named our project “Certiorem”.