CIS 3403 - Final Project

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Description of the project

Our project is about a database that contains movies and their attributes. The user will be able to see details about movies within the DB. We will create a cloud DB (using mLab), five routes (including update and add), a website, and a mobile app containing a webview.

To view the project, click here.

Design of the cloud database – including hosting details

- The **database** name is **cinemadb**.
- The **collection** name is **movies**:
  - The documents will contain **keys** such as *name*, *genre*, *rating*, *language*.
- The DB be hosted on **mLab**.
- The webpage will be hosted on **evennode**.

Design of the routes and their sample data returned

Route	Description
/	Gets all the movies from the database.
/addmovie	Adds a new movie to the database.
/updatemovie	Updates the information of an already existing movie in the database.
/deletemovie	Deletes a movie from the database along with all it's associated data.
/static	Displays the webpage (index.html).

Architecture diagram

The cinema app will have CRUD (Create Read Update Delete) operations. POST is create, GET is read. PUT is update, and DELETE is delete.