

# CS3563 : DBMS-II

## Assignment 2

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Total Marks : 100 + 20(Bonus Marks)

Deadline : 29 March 2021

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Convert the ER model you have designed in the previous assignment to the Relational Model.

- Populate the tables generated using IMDb dataset( <https://datasets.imdbws.com/> ).
- Please use PostgreSQL for this assignment( <https://www.postgresql.org/> )
- You need to extract the relevant data for each table from these files.
- The dataset does not contain all the data that is required. For example, award information is not present in the dataset.
- If you crawl this unavailable data, you will get bonus marks.
- Reference to crawl:
  - <https://www.themoviedb.org/documentation/api>
  - <https://www.omdbapi.com/>
  - <https://www.emdb.eu/>

You are free to crawl any other websites (not restricted to the above websites).

### Submission Format:

You should submit all the db files and a report(in pdf format). You need not submit the entire dumped .pgsql file. It is enough to submit the sql file(s) that are used to build the database. Submit a zip file named as <Group-No>\_assgn2.zip. For example, if your group number is 3 then submit your file as **3\_assgn2.zip**. Single submission per group is enough.

### Note:

If you face any issues, you can make modifications to the ER diagram designed as a part of the first assignment wherever required. Ensure that the new ER diagram designed satisfies all the required constraints and inheritance properties given in the first assignment. Make sure that you add necessary information in the report if you make any modifications.