

### **DSA Project: Review 1**

Semester	Course Code	Course Title	Course Type	Class Number
Winter Semester 2018-19	CSE2003	Data Structures and Algorithms	EPJ	VL201819500253 9

### **D-NETFLIX**

#### *Abstract:*

The project titled "D-Netflix" is a Script or GUI application for monitoring and watching movies. The project "D-Netflix" is developed in Python, which mainly focuses on basic operations in its Database like uploading, removing movies & getting user-info from Server whereas operations like searching, watching a movie for client. The On-Time record facility of "D-Netflix" ease the task of handling and keeping the records of multiple users.

#### *The D-Netflix has four main modules:*

- Server Login-> secure login
- Client Login-> secure login
- Database access-> easy to access data
- User Screen-> user friendly input screen

#### *Data Structures used:*

##### *Stack:*

- Uploading movies
- Top5 recommendations
- Client history

##### *Queue:*

- Priority queue-> Deleting movies
- Movie recommendations

#### *Outcome:*

- Practical application of Stack and Queue.
- Hands on GUI using python.

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