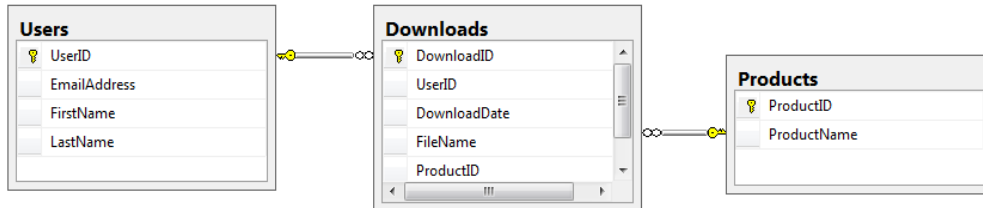


Assignment 3: Implementing Database Design (30%)

Instructions

Implement the following ERD describes design of a database named MyWebDB that tracks users' download of product files.



Requirements

- [1 point] Create database named MyWebDB.
- [9 points] Create tables as presented in the ERD, and make the following assumptions:
 - Each table has a primary key defined
 - In the Downloads table, UserID and ProductID are foreign keys
 - Use reasonable data types for each column
- [7 points] Add a few rows of data to each table (data values in the report below are just a sample), at least two rows for Users, at least two rows for Products, and at least three rows for Downloads (make sure that data in Downloads references various records in Users and Products)
- [3 points] Write a SELECT * query for each table. Take screenshots of the results.
- [10 points] Write a SELECT query that joins data from the three tables, and produces report like this:

	EmailAddress	FirstName	LastName	DownloadDate	Filename	ProductName
1	johnsmith@gmail.com	John	Smith	2016-03-08 15:17:52.420	petals_are_falling.mp3	Local Music Vol 1
2	janedoe@yahoo.com	Jane	Doe	2016-03-08 15:17:52.420	tum_signal.mp3	Local Music Vol 1
3	janedoe@yahoo.com	Jane	Doe	2016-03-08 15:17:52.420	one_horse_town.mp3	Local Music Vol 2

Take a screenshot of the results.

Submit

Prepare one Word document named *LastName_FirstName_Lab_3.txt* that contains all commands for each step 1-5. In addition include screenshots for steps 4 and 5.

Upload the file to the Assignment 3 on Brightspace before the due time.

Evaluation

This assessment is graded out of 30 points.

Learners may receive partial scores or a zero for unacceptable work.