Functional Dependencies

u\_id -> u\_id, Name, StreetNumber, StreetName, City, Province, PostalCode

If you have the key for university, you can get all of the attributes for university and university.

s\_id -> s\_id, u\_id, FirstName, LastName, Faculty, Year, Major, Username, Password

If you have the key to STUDENT\_STUDIES you can get all the attributes for the student ie their personal information and information about their major.

s\_id -> Honours, s\_id

If you have the student id of a grad student you can get their honors program.

s\_id->Program, s\_id

If you have the student id of an undergrad student you can get their program.

c\_id -> Salary, Status, TimePeriod, c\_id

If you have a contract id you can get the info about that contract, like salary, status, timeperiod and the company who posted its id.

s\_id-> c\_id, s\_date, s\_id

If you have an id for a student signing a contract, you can get the date it was signed, the student and the contract the signature it is associated with.

s\_id, p\_id -> s\_id, p\_id, p\_date, Experience, Education

If you have a profile id and a student id you can get supplementary information about the student.

co\_id -> Name, StreetNumber, StreetName, City, Province, PostalCode, Username, Password

If you have a company’s id you can get their physical address and their name, username and password.

j\_id -> c\_id, co\_id, Position, DatePosted

If you have a job id you can get the company and contract it is associated with as well as the position title and the date it was posted.

s\_id, co\_id, j\_id -> s\_id, co\_id, application, j\_id

If you have a student, a company and a job, you can get an application.