In RDF we are considering the process where a university student also becomes a university employee. Here we are considering 5 entity classes – **Policy**, **Department**, **Student**, **Co-Op and Internship program**, **Employment type**.

When a student becomes a university employee, he must adhere to specific employee policy which belongs to entity class of Policy. A student as an instance comes under Student entity class.

When a student becomes an employee, it is related to instance Student Employment coming under entity class Employment type.

A student employee is managed by a specific department which hires/manages him which itself comes under entity class Department.

A student when hired also becomes a part of internship/Co-op program and hence is related to the specific instance of internship program which is related to entity class Co-Op and Internship program. Here an inherent assumption has been made that any student employment is either an internship or Co-Op program.