Homework 7 part 1: Bhereket, Dagmawi, Evan, Ethan

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| Policy 1 | A “before insert on …” trigger will be created that checks that the user about to insert is a staff member in the Registrar’s Office. |
| Policy 2 | A “before delete on …” trigger will be created that checks that the user about to delete is a staff member in the Registrar’s Office. |
| Policy 3 | The “select any” privilege will be granted to the staff members in the Registrar’s Office. |
| Policy 4 | A “before update on …” trigger will be created that checks that the user about to update is a staff member in the Registrar’s Office. |
| Policy 5 | A context will be created that will allow a student to query the STUDENTS table but can only see his/her records. |
| Policy 6 | A context will be created that allows students to view all information within the INSTRUCTORS table, except IDs. |
| Policy 7 | Student will be granted the “select on…” privilege to see information in COURSES table. |
| Policy 8 | A context will be created to allow students to query the ENROLLMENT table, but only their information will be returned. |
| Policy 9 | Instructor will be granted “select on” privilege to see information in STUDENTS table |
| Policy 10 | A context will be created that allow instructors to query the INSTRUCTOR table, but except IDs |
| Policy 11 | A context will be created that allow instructors to query INSTRUCTOR table, but only there own IDs |
| Policy 12 | Instructor will be granted “select on” privilege to see information in COURSES table |
| Policy 13 | Instructor will be granted “select on” privilege to see information in ENROLLMENT table |
| Policy 14 | A context will be created that allow an instructor to update INSTRUCTORS table, but only his/her own records |
| Policy 15 | A context will be created that allow an instructor to update COURSE, but only the one he/she teaches |

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| **Grantee** | **Type** | **Privilege/Role** | **Object Schema** | **Object Name** | **Column Name** | **Grantable** | **Grantor** |
| Application administrator | DB user | SELECT ANY | App\_schema | All tables | All | Yes | SYS |
| Application administrator | DB user | DELETE ANY | App\_schema | All tables | All | Yes | SYS |
| Application administrator | DB user | UPDATE ANY | App\_schema | All tables | All | Yes | SYS |
| Application administrator | DB user | INSERT ANY | App\_schema | All tables | All | Yes | SYS |
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