ApliTrack

Progress Report RM (Relational Model)

This project is the result of a collaborative effort with two other team members.

Data Base Management Systems

October 20, 2023

Below is a list of notes and small changes from the EER corresponding to the attached RM:

Note #1: Renamed some attributes for more clarity rather than having "Name" in multiple places:

- DocFileName for DOCUMENT;

- AName for APPLICATION;

- CompanyName for COMPANY;

- OfferFileName for OFFER.

Note #2: For subclasses, we chose the "Multiple relations - Superclass and subclasses" approach:

- A relation was created for USER, APPLICANT, and ADMIN;

- For DEVELOPER, we chose not to use the "Multiple relations - Superclass and subclasses" approach, instead using the "Single relation with one flag attribute" approach. This is because both ADMIN and DEVELOPER have few attributes (so combining them is feasible) and because otherwise ADMIN would be an empty table containing no attributes other than its key.

Note #3: HAS relationship renamed to ADMIN_HAS_PERM for more clarity.