Schema

COMPANY(domain, name, email, address, type, vision, specialization**)**

COMPANYPHONE(DOMAIN**, phone)**
    COMPANYPHONE.domain references COMPANY.domain

DEPARTMENT(code, name, DOMAIN**)**
    DEPARTMENT.domain references COMPANY.domain

JOB(jobID, title, shortDescription, detailedDescription, workingHours, minYearsOfExperience, salary, vacancies, deadline, CODE, USERNAME**)**
    JOB.code references DEPARTMENT.code, JOB.username references HREMPLOYEE.username

INTERVIEW(QUESTION, answer, JOBID**)**
    INTERVIEW.jobID references JOB.jobID

USER(username, password, email, birthdate, firstName, middleName, lastName, yearsOfExperience**)**

USERPREVOUISJOBTITLE(USERNAME**, title)**
    USERPREVOUISJOBTITLE.username references USER.username

APPLICANT(username)

APPLICATION(ID, JOBID, score, HRStatus, USERNAME**)**
    APPLICATION.jobID references JOB.jobID, APPLICATION.username references HREMPLOYEE.username

APPLY(USERNAME, ID, JOBID**)**
    APPLY.username references USER.username, APPLY.ID references APPLICATION.ID, APPLY.jobID references JOB.jobID

ACCEPTED(ID, USERNAME**)**
    ACCEPTED.username references MANAGER.username

REJECTED(ID)

STAFFMEMBER(username, companyEmail, salary, dayOff, annualLeaves, CODE**)**
    STAFFMEMBER.username references USER.username, STAFFMEMBER.code DEPARTMENT.code

ATTENDANCE(date, USERNAME, timeOfStart, timeOfLeave**)**
    ATTENDANCE.username references STAFFMEMBER.username

EMAIL(ID, sender, recipeint, subject, body, timeStmap**)**

SEND(USERNAMESENDER, ID, USERNAMERECEIVER**)**
    SEND.usernamesender references STAFFMEMBER.username, SEND.ID references EMAIL.ID, SEND.usernamereceiver references STAFFMEMBER.username

Schema

REQUEST(<u>ReqNum</u>, requestDate, startDate, endDate, <u>USERNAME</u>**)**
    REQUEST.username references HREMPLOYEE.username

BUSINESSTRIP(<u>ReqNum</u>, destination, purpose**)**

LEAVE(<u>ReqNum</u>, type**)**

REQUESTAPPLY(<u>USERNAME</u>, <u>REQNUM</u>)

HREMPLOYEE(<u>username</u>)

REQUESTHRREPLACE(<u>USERNAME, REQNUM, USERNAMEREPLACING</u>)
    REQUESTHRREPLACE.username references HREMPLOYEE.username,
REQUESTHRREPLACE.ReqNum references REQUEST.ReqNum,
REQUESTHRREPLACE.usernameReplacing references HREMPLOYEE.username

ANNOUNCEMENT(<u>ID</u>, title, date, type, description, <u>USERNAME</u>**)**
    ANNOUNCEMENT.username references HREMPLOYEE.username

MANAGER(<u>username</u>, type**)**

REQUESTMANGREPLACE(<u>USERNAME, REQNUM, USERNAMEREPLACING</u>)
    REQUESTMANGREPLACE.username references MANAGER.username,
REQUESTMANGREPLACE.ReqNum references REQUEST.ReqNum,
REQUESTMANGREPLACE.usernameReplacing references MANAGER.username

REQUESTREVIEW(<u>USERNAME, REQNUM</u>, reason**)**
    REQUESTREVIEW.username references MANAGER.username, REQUESTREVIEW.ReqNum
references REQUEST.ReqNum

REGULAREMPLOYEE(<u>username</u>)

REQUESTREGEREPLACE(<u>USERNAME, REQNUM, USERNAMEREPLACING</u>)
    REQUESTREGEREPLACE.username references REGULAREMPLOYEE.username,
REQUESTREGEREPLACE.ReqNum references REQUEST.ReqNum,
REQUESTREGEREPLACE.usernameReplacing references REGULAREMPLOYEE.username

Schema

PROJECT**(name**, startDate, endDate, *USERNAME***)**
    PROJECT.username references MANAGER.username

PROJECT**A**SSIGNMENT**(***NAME, USERNAMEREGE, USERNAMEMANG***)**

TASK**(Name**, *PROJECTNAME*, description, status, comments, deadline, *USERNAMEMANG, USERNAMEREGE***)**
    TASK.projectName references PROJECT.name, TASK.usernameMang references
MANAGER.username, TASK.usernameRegE references REGULAREMPLOYEE.username