Question 1)

Part 2)

Employees(eid, name, address, salary)

Seniors(eid, timeSinceSeniors) *(****eid*** *ref* ***Employees****)*

Leaders(eid)*(****eid*** *ref* ***Employees****)*

Projects(projectName, budget, objective, maxEnrollment, eid) *(****eid*** *ref* ***Leaders****)*

Membership(eid, projectName, memberSince) *(****eid*** *ref* ***Employees****,* ***projectName*** *ref* ***Projects****)*

Documents(title, date, projectName) *(****projectName*** *ref* ***Projects****)*

Writing(eid, title, projectName) *(****eid*** *ref* ***Employees****,* ***title*** *ref* ***Documents****,* ***projectName*** *ref* ***Projects****) (cannot reflect the participation constraint of* ***Documents*** *in the “writes” relation, from the E/R model)*

Reports(reportID, stepObjective, projectName, eid, repDescription) *(****stepObjective*** *ref* ***Steps****,* ***projectName*** *ref* ***Projects****,* ***eid*** *ref* ***Leaders****)*

Steps(stepObjective, projectName, partialBudget, beginTime, endTime, reportID, eid) *(****projectName*** *ref* ***Projects****,* ***reportID*** *ref* ***Reports****,* ***eid*** *ref* ***Leaders****) (cannot reflect the participation constraint of* ***Steps*** *in the “tiedTo” relation, from the E/R model)*

Aspects(aspectID, pointsToConsider, stepObjective, projectName)*(****stepObjective*** *ref* ***Steps****,* ***projectName*** *ref* ***Projects****) (cannot reflect the participation constraint of Aspects in the “evaluates” relation, from the E/R model)*

Evaluation(eid, grade, evalDescription, aspectID)*(****eid*** *ref* ***Seniors****,* ***aspectID*** *ref* ***Aspects****)*