Alexis Caira

Lucas Fernandes Project 1

Relational Schema:

Staff(firstName, lastName, accountName PK)

StaffPhone(phone, accountName FK)

StaffPosition(accountName FK, position)

Position(positionID PK, title, payGrade)

Location(locationID PK, locationName, locationType, floor)

Office(locationID FK, maxOccupancy, assignedStaff FK)

Coordinate(locationID FK, x\_coordinate, y\_coordinate)

Edge(edgeID PK, startingLocation FK, endingLocation FK)

Path(pathID PK)

PathListOfEdges(pathID FK, edgeID FK, edgeOrder)

ERD: 