

user = (username, fname, lname, status, password)

email = (email, username[fk1])

fk1: username -> user.username

employee = (username[fk2], eid, phone, address, city, state, zipcode, etype)

fk2: username -> user.username

visitor = (username[fk3])

fk3: username -> user.username

site = (sname, mgrUsername[fk4], address, zipcode, openEverday)

fk4: mgrUsername -> employee.username

event = (sname[fk5], ename, startDate, endDate, price, capacity, minStaffReq, description)

fk5: sname -> site.sname

transit = (type, route, price)

connect = (type, route[fk6], sname[fk7])

fk6: type, route -> transit.type, transit.route

fk7: sname -> site.sname

takeTransit = (username[fk8], type, route[fk9], date)

fk8: username -> user.username

fk9: type, route -> transit.type, transit.route

visitEvent = (username[fk10], sname, ename, startDate[fk11], date)

fk10 : username -> visitor.username

fk11: sname, ename, startDate -> event.sname, event.ename, event.startDate

visitSite = (username[fk12], sname,[fk13], date)

fk12 : username -> visitor.username

fk13: sname -> site.sname

assignTo = (username[fk14], sname, ename, startDate[fk15])

fk14 : username -> employee.username

fk15: sname, ename, startDate -> event.sname, event.ename, event.startDate