Avis Oh Xin Wan UOW ID:8465678

CSIT115 Assignment 1

2)

DailyRoute (destination, departure-date, departure-time, arrival-time, fare, emp-id, vehicle-id,

license)

PRIMARY KEY = (destination, departure-date, departure-time)

FOREIGN KEY 1 = (emp-id) references Employee (emp-id)

FOREIGN KEY 2 = (license) references Driver (license)

FOREIGN KEY 3 = (vehicle-id) references Coach (vehicle-id)

Employee (emp-id, name, email)

PRIMARY KEY = (emp-id)

CANDIDATE KEY = (email)

Driver (emp-id, license)

PRIMARY KEY = (license)

FOREIGN KEY = (emp-id) references Employee (emp-id)

Mechanic (emp-id, certificate)

PRIMARY KEY = (emp-id)

FOREIGN KEY = (emp-id) references Employee (emp-id)

Coach (vehicle-id, make, model, capacity)

PRIMARY KEY = (vehicle-id)

Service (work done, svc-date, vehicle-id)

PRIMARY KEY = (svc-date, vehicle-id)

FOREIGN KEY = (vehicle-id) references Coach (vehicle-id)

Service Done (emp-id, svc-date, vehicle-id)

PRIMARY KEY = (emp-id, svc-date, vehicle-id)

FOREIGN KEY 1 = (vehicle-id, svc-date) references Service (vehicle-id, svc-date)

FOREIGN KEY 2 = (emp-id) references Mechanic (emp-id)