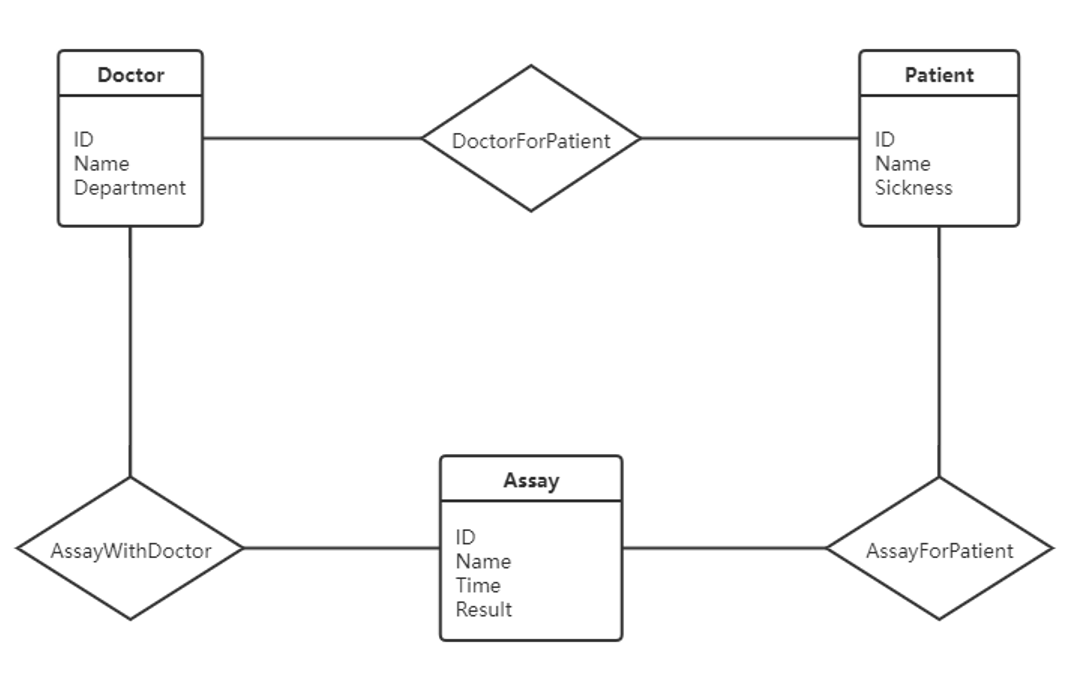
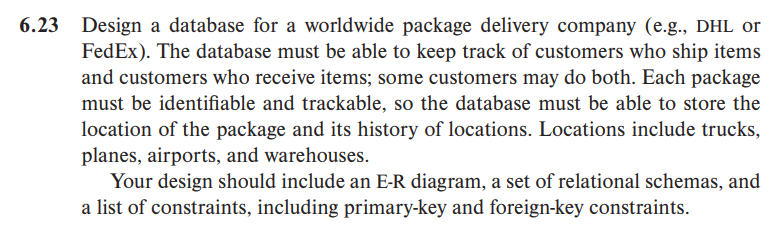
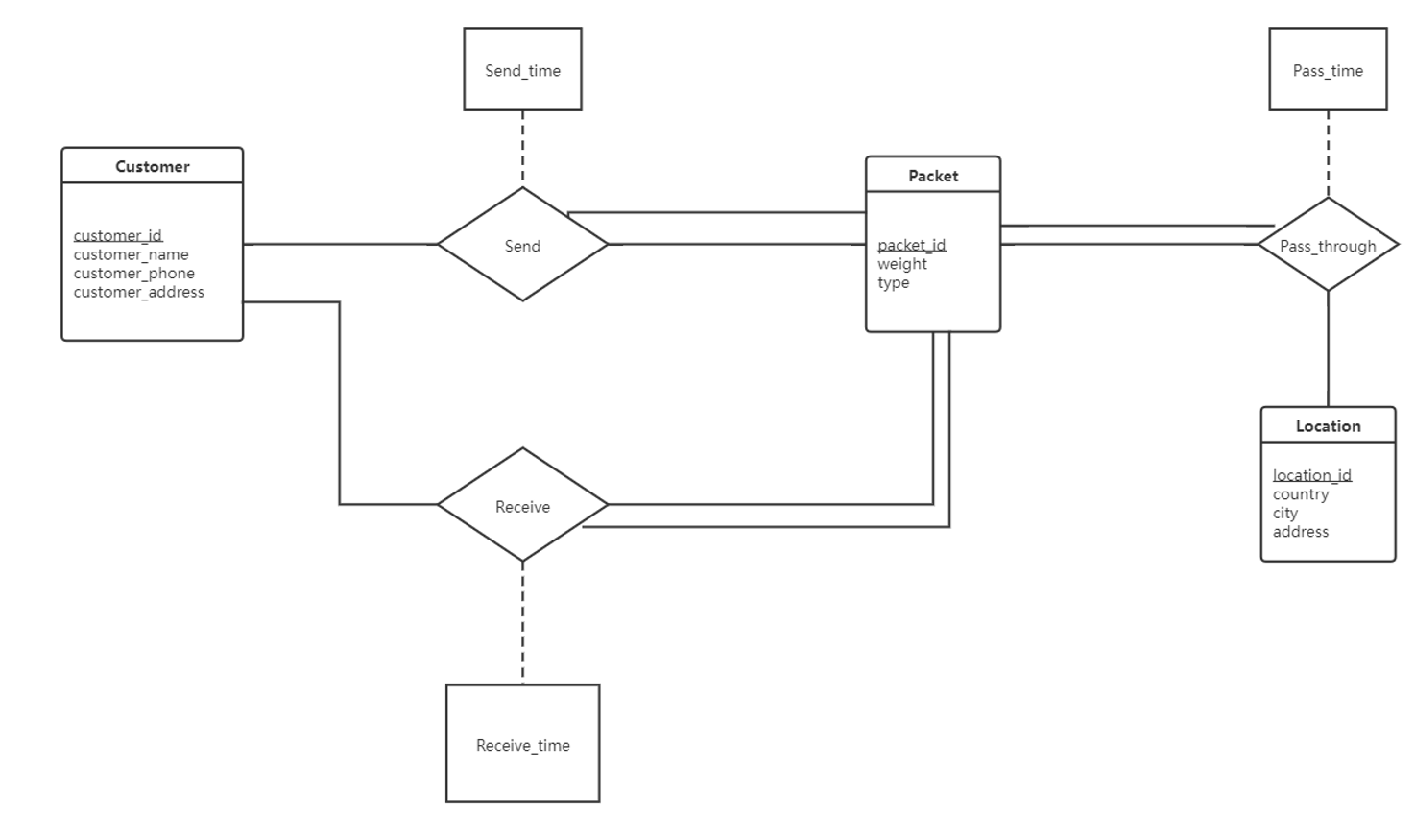


答：E-R图如下所示：





答：E-R图如下所示（见下页）：



关系模式及约束如下所示：

Customer(

    customer\_id,

    customer\_name,

    customer\_phone,

    customer\_address,

    primary key(customer\_id));

Send(

    packet\_id,

    sender\_id,

    Send\_time,

    primary key(packet\_id,sender\_id),

    foreign key sender\_id references customer,

    foreign key packet\_id references packet);

Packet(

    packet\_id,

    weight

    type,

    primary key(packet\_id));

Location(

    location\_id,

    country,

    city,

    address,

    primary key(location\_id));

Recieve(

    receiver\_id,

    packet\_id,

    Receieve\_time,

    primary key(receiver\_id,packet\_id),

    foreign key reciever\_id references customer,

    foreign key packet\_id references packet);

Pass\_throuth(

    packet\_id,

    location\_id,

    Pass\_time,

    primary key(packet\_id,location\_id),

    foreign key packet\_id references packet,

    foreign key place\_id references location);