Question 2:

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用来料料项目的进度.

请根据下表的说明,构建一个 PERT 图,并进行关键路

径分析(20 points)	持领 时间.	前路杨瓜
Tasks	Durations(days)	Predecessor
A	1	None
В	15	A
C	2	В
D	3	A
E	3	C,D
F	15	D
G	10	E
Н	2	D
1	15	F,G,H
1	1	1
K	30	J
L	15	K

QUESTION3: (60 points)

A large international IT company plans to provide an Employee Accommodation Service that helps novice employees to find properties to rent in the city in which they are working. Aninformation system named Employee Accommodation Service System is required to maintain lists of landlords, their properties and of employee seeking accommodation.

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All of the properties are owned by landlords; each property is owned by one landlord, though some landlords own several properties. The unique social security number, name, address and telephone number of landlords are kept. When new properties are added to the system they are allocated a unique identifying number and details are taken of the address, type of property (for example, flat, terraced house, detached house), the maximum number of tenants is suitable for and the amount of the rent. Landlords are charged a fee for each property that is added to the system.

the system providing their employee number, name, current address, telephone number, their date of birth and gender. Once registered, an employee can be provided with a list of available properties. If an employee makes a request to view a properties, the system arranges a viewing with the landlord. Details are kept of each viewing that is arranged including the date on which it took place and which student or employees were involved (friends often seek accommodation)

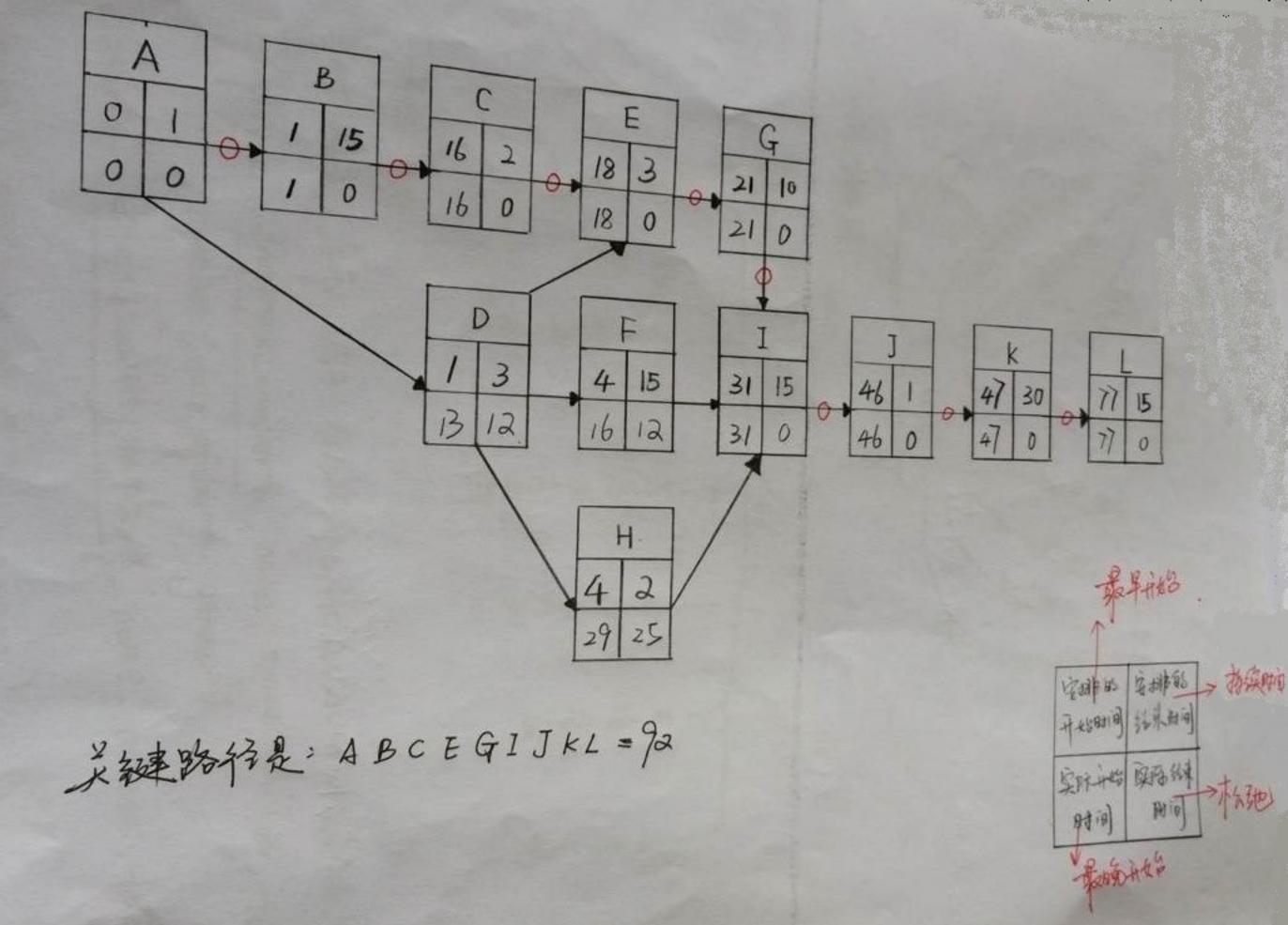
together).

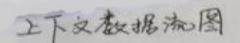
Landlords notify the system when a property is no longer available for rent and when a property is once again available. In both cases the system updates the property file so that employee seeking accommodation can be given an accurate list.

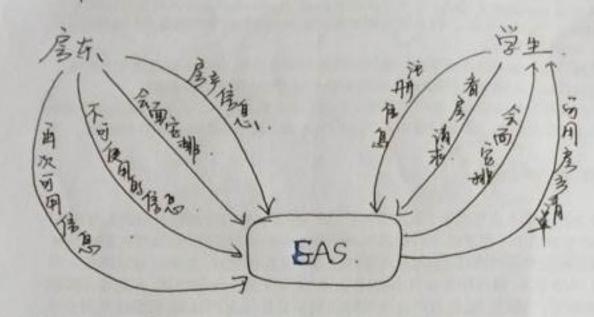
- Draw the context data flow diagram and functional 多功能)
 decomposition diagram for Employee

 Accommodation Service System(15 points)
- Produce an Entity Relationship Diagram (Logical data model) and a set of normalized tables for the scenario.(20 points)
- It has been decided that the system will be developed using object oriented analysis and design (OOA/OOD) methodology.
 - 1. Draw a UML Use Case diagram for the Employee

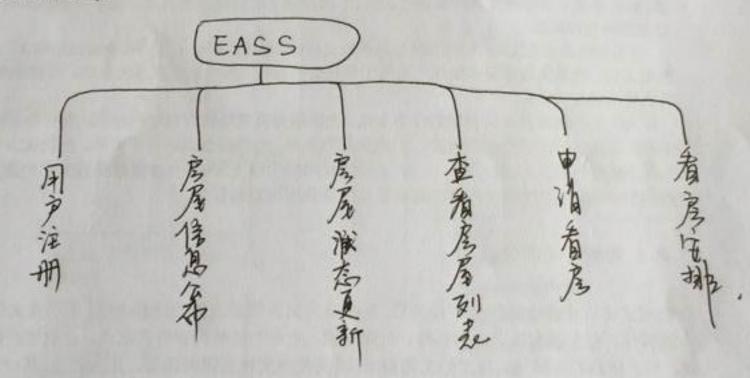
 Accommodation Service System and write the expanded description of a primary use case. (15 points).
- 2. Design and initial Analysis <u>Class Model</u> that shows the process and data required to support Employee Accommodation Service System.(10)







功能分解图



E-R图.与表.

实体:雇员;房东;房子;看房安排山底路,路,的门,着好话.

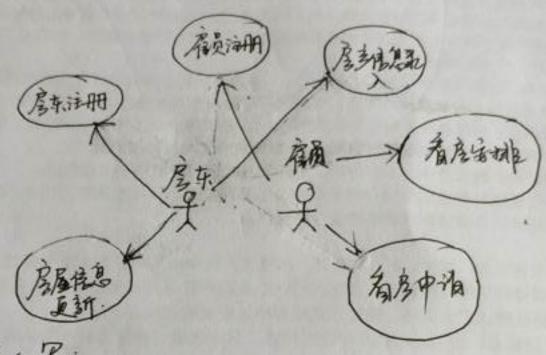
Employee (employee_number#, name, current address, telephone number, date of birth, gender).

Landlord (social security number #, name, address, telephone number

Property (identifying-number#, ----)

viewing (viewing id, date, social security number viewing Employees (viewing id, employee number.

Use Cases (3个技术的)



表格用的怎么写:

含义.名称 新军各件, 多雪野事件流将.下置条件, 异草流释.

类图:

Landlord
SSN
name
address
telephoneNo
register()
revokePorperty()

I property
id
owner
address
type
maxNo
rent

