

AIN SHAMS UNIVERSITY

FACULTY OF ENGINEERING

Computer Engineering and Software Systems Program

International Credit Hours Engineering Programs (i.CHEP)



Hotel RDF Graph

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Submitted to: Eng. Ashrakat Hefny

Course Name: Ontologies and semantic web

Classes:

Person

Guest
Adults
Children
Employee
Manager

Hotel

Parking
Pool
Aqua park
Transportation
Payment
Cash
Visa

Department

Reception
Food
Security
House Keeping

Object Properties:

Amenities

Contact

Consists of
reservation details
escort
assigned to
pays

Assigned to

Type

Escort

Status

Works at
managed by

Data properties:

Address

Class

Hotline

website

Number of Employees

Maximum Capacity

Manager

Avg. salary

Price

Room ID

Floor number

View

Depth

Password

Floor

Stars

Check-in date

Check-out date

Marital Status

Nationality

Salary

Floor

Ticket

Receipt

Pick up

Pick off

Ticket

Age

Pickup

Pick off

total amount

password

ID

receipt

hot-line

website

Mobile Number

Person-Age

Name

Person-Address

