SOFTWARE ENGINEERING ASSIGNMENT

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STRUCTURED ANAYSIS ->
Functional Requirement:

1. Enter data for room allotment 1.1 Enter Arrival Time 1.2 Duration of Stay 1.3 Type of Room

Available Rooms 2.1 Allot Room 2.2 Assign unique token number

3. Non Available Room
3.1 Apology Mussage

4. Hotel catering Service
4.1 Quantity
4.2 Type of food
7.3 Token number
4.4 Date & Time

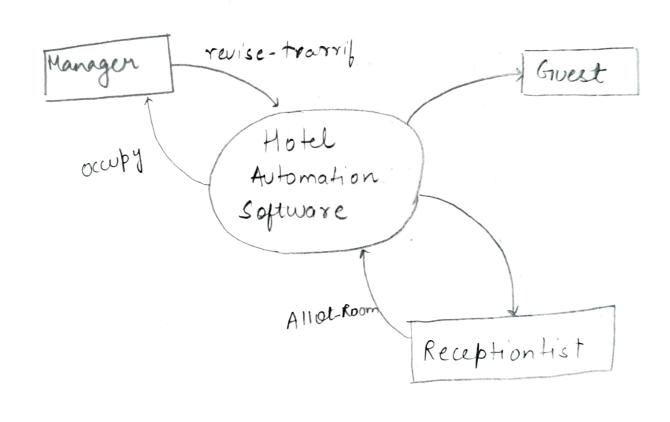
Hotel checkout Septemans

(1) Grenovate Enter bill

5.2 Offer prequent Grust Program

5.

CONTEXT DIAGRAM (O. LEVEL DFD)



O-LEVEL DFD

Check-out

ROOM
AVALABILITY

NOT
AVAILABLE

Apology-message

1 - level DFD

2-LEVEL DFD Room-Allot Duration-stay Assign-Token Available Check Availability Input Arrival-Time Data NOT Available Room-Type » Apology-Message Caturing Service Checkout service Token - Number Food-Type Quantity Gruest Program Discount Identity-Number

2 LEVEL DFD

Data Dictionary revise-tariff: Y details 4 Allot-Room: Y Availability y Gruest-data: Y guest delail ? Check out: EInteger + daler 4 Apology-message: < message } 5. Duration stay: L'integer y Arrival - Time: Yinteger Y Room-type: y integer y Token-Number: Yintegur y Food-type: Y detail of food 7

I dentity- Number - Yinteger 7

STRUCTURE DESIGN

A structure chart represent the software aschitecture which include vaccious modules making up the system, the module dependency and the parameter passed among different modules.

STRUCTURED CHART

