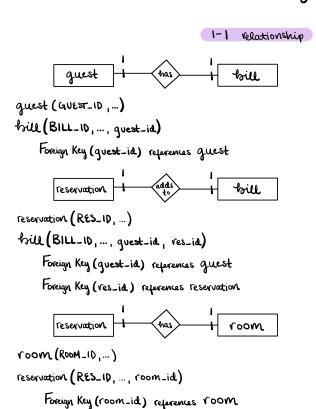
Haley Hill CS 325-Fall 2022 Last modified: 12/04/2022

## 325 Hotel Design



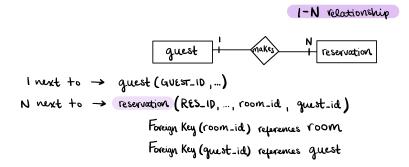
## M-N relationship: define intersection table



+1 quest\_food\_order(QUEST\_ID, ORDER\_ID)

Foreign Key(quest\_id) references quest

Foreign Key(order\_id) references food\_order



I next to -> employee (EMPL\_ID, ...)

N next to -> room (ROOM\_ID,..., empl\_id)

Foreign Key (empl\_id) references employee



I next to -> bill (BILL-10, ..., quest-id, res\_id)

Foreign Key (quest-id) references quest

Foreign Key (res\_id) references reservation

N next to -> food\_order (ORDER\_ID, triel\_id)

Foreign Key (toill\_id) references boill



I next to -> Menu (FOOD\_ID, ...)

N next to -> food\_order (ORDER\_ID, till\_id, food\_id)

Foreign Key (bill\_id) references brill

Foreign Key (food\_id) references Menu

1NF: true/pure relation

(eliminate mu attributes)

quest (GUEST\_ID, ..., quest\_phone (MV))

+1 phone (GUEST\_ID, GUEST\_PHONE)

Foreign Key (quest-id) references quest