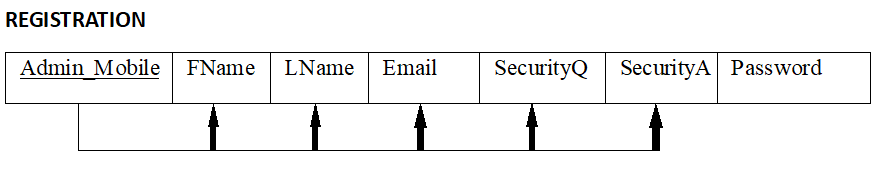
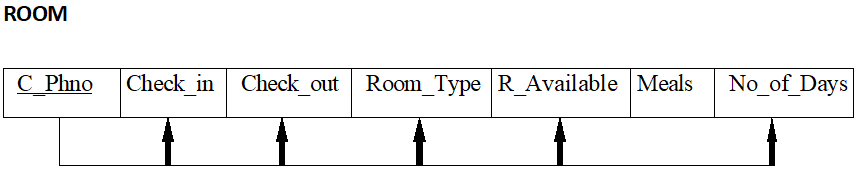
**CHAPTER 4**

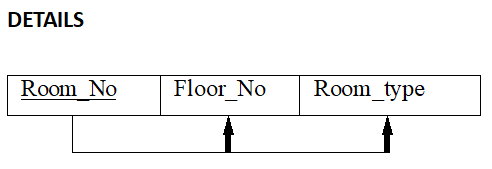
**NORMALISATION**

****

1NF: The relations are in 1NF since there are no multivalued attributes or nested relations.



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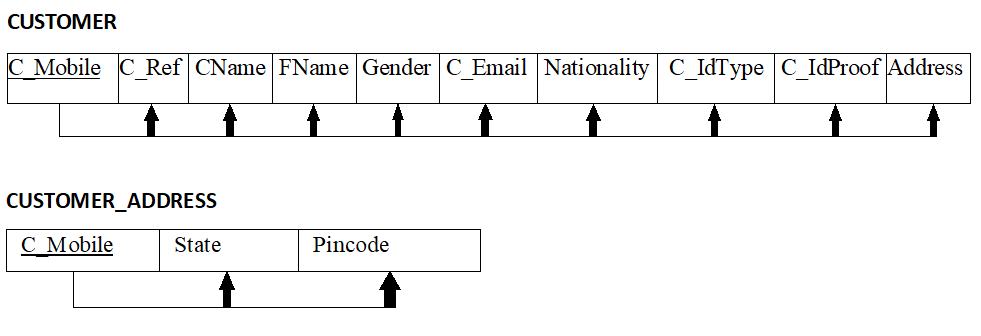
1NF: The relations are in 1NF since there are no multivalued attributes or nested relations.

**CUSTOMER**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C\_Mobile | C\_Ref | CName | FName | Gender | C\_Email | Nationality | C\_IdType | C\_IdProof | Address |

1NF: The relations contains multivalued attributes, hence it is not in 1NF.

To normalize it, we create two tables.

****

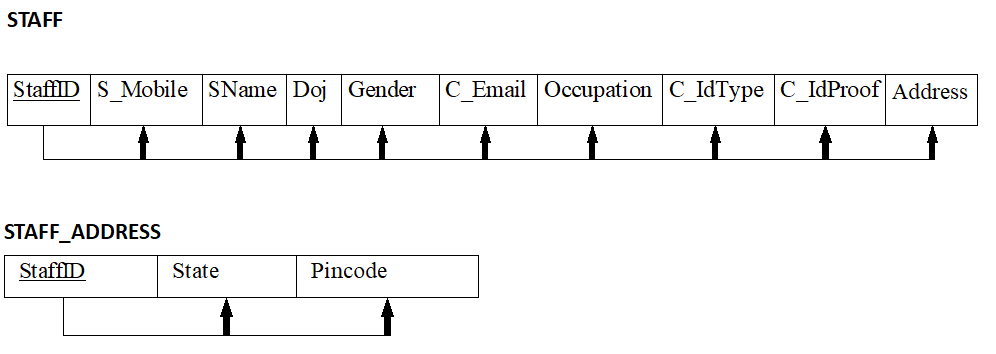
Now, the relation is in 1NF.

**STAFF**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| StaffID | S\_Mobile | SName | Doj | Gender | C\_Email | Occupation | C\_IdType | C\_IdProof | Address |

1NF: The relations contains multivalued attributes, hence it is not in 1NF.

To normalise it we create two tables.



Now, the relation is in 1NF.