Employee------\*------Categorize------1------Department

UNF:

Categorize

Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary, Gender, Dept\_ID, Dept\_Name.

1NF:

Phone\_Number & E\_mail are multivalued attribute.

Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary, Gender, Dept\_ID, Dept\_Name.

2NF:

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary.
2. Dept\_Name, Dept\_ID.

3NF:

No transitive dependency.

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary.
2. Dept\_Name, Dept\_ID.

Table:

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary, Gender, **Dept\_ID**.
2. Dept\_Name, Dept\_ID.

Manager------1------Recruit------\*------Employee

UNF:

Recruit

Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary, M\_ID, M\_Name, Address, Hiredate, Date\_of\_Birth, NID, Gender, Blood\_Group, Salary, E\_mail, Gender, Phone\_Number.

1NF:

Phone\_Number & E\_mail are multivalued attribute.

Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary, M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

2NF:

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

3NF:

No transitive dependency.

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

Table:

1. Emp\_No, Emp\_Name, NID, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary, Gender, **M\_ID**.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

Manager------1------Manage------1------Graveyard

UNF:

Manage

GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address, M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

1NF:

Phone\_Number & E\_mail are multivalued attribute.

GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address, M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

2NF:

1. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

3NF:

No transitive dependency.

1. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

Table:

1. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary, **GrvYrDept\_ID**.

Zone Officer------\*------Recruit------1------Manager

UNF:

Recruit

O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender, M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

1NF:

Phone\_Number & E\_mail are multivalued attribute.

O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender, M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

2NF:

1. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

3NF:

No transitive dependency.

1. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

Table:

1. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender, **M\_ID**.
2. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.

City Corporation------1------Own------\*------Graveyard

UNF:

Own

ID, Name, E\_mail, Phone Number, Address, GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

1NF:

Phone\_Number & E\_mail are multivalued attribute.

ID, Name, E\_mail, Phone Number, Address, GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

2NF:

1. ID, Name, E\_mail, Phone Number, Address.
2. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

3NF:

No transitive dependency.

1. ID, Name, E\_mail, Phone Number, Address.
2. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

Table:

1. ID, Name, E\_mail, Phone Number, Address.
2. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address, **ID**.

Graveyard------1------Provide------1------Grave

UNF:

Provide

Grave\_ID, Block, Plot, Adult, Young, Child, GrvYrd\_ID, GrvYrd\_Name, GrvYrd\_Area, GrvYrd\_Address.

1NF:

No multivalued attribute.

Grave\_ID, Block, Plot, Adult, Young, Child, GrvYrd\_ID, GrvYrd\_Name, GrvYrd\_Area, GrvYrd\_Address.

2NF:

1. Grave\_ID, Block, Plot, Adult, Young, Child.
2. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

3NF:

1. Grave\_ID.
2. Block, Plot.
3. Adult, Young, Child
4. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

**Table:**

1. Grave\_ID, **Loc\_ID**, **Grave\_Size\_ID**, **GrvYrDept\_ID**.
2. Loc\_ID, Block, Plot.
3. Grave\_Size \_ID, Adult, Young, Child.
4. GrvYrDept\_ID, GrvYrDept\_Name, GrvYrd\_Area, GrvYrd\_Address.

City Corporation------1------Control------\*------Zone Officer

UNF:

Control

ID, Name, E\_mail, Phone Number, Address, O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.

1NF:

E\_mail, Phone Number, O\_Address, O\_Phone Number are multivalued attribute.

ID, Name, E\_mail, Phone Number, Address, O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.

2NF:

1. ID, Name, E\_mail, Phone Number, Address.
2. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.

3NF:

No transitive dependency.

1. ID, Name, E\_mail, Phone Number, Address.
2. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender.

Table:

1. ID, Name, E\_mail, Phone Number, Address.
2. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender, **ID**.

Grave------1------Burry------1------Corpse

UNF:

Burry

Grave\_ID, Block, Plot, Adult, Young, Child, C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

1NF:

No multivalued attribute.

Grave\_ID, Block, Plot, Adult, Young, Child, C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

2NF:

1. Grave\_ID, Block, Plot, Adult, Young, Child.
2. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

3NF:

1. Grave\_ID.
2. Block, Plot.
3. Adult, Young, Child.
4. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

Table:

1. Grave\_ID, **Loc\_ID**, **Grave\_Size**, **C\_ID**.
2. Loc\_ID, Block, Plot.
3. Grave\_Size \_ID, Adult, Young, Child.
4. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

Manager------1------Receive------1------Corpse

UNF:

M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood Group, Gender, NID, Date\_of\_Birth, Hiredate, C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

1NF:

Phone Number & E\_mail are multivalued attribute.

M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate, C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

2NF:

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

3NF:

No transitive dependency.

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.

Table:

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, **M\_ID**.

Relative------\*------Pays------1------Manager

UNF:

Pays

M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate, R\_Name, R\_Address, R\_Phone\_No.

1NF:

Phone Number & E\_mail are multivalued attribute.

M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate, R\_Name, R\_Address, R\_Phone\_No.

2NF:

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. R\_Name, R\_Address, R\_Phone\_No.

3NF:

No transitive dependency.

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. R\_Name, R\_Address, R\_Phone\_No.

Table

1. M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood Group, Gender, NID, Date\_of\_Birth, Hiredate.
2. R\_Name, R\_Address, R\_Phone\_No, **M\_ID**.
3. **M\_ID** , R\_Name.

Relative------\*------Has------1------Corpse

UNF:

Has

C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, R\_Name, R\_Address, R\_Phone\_No, R\_Name, R\_Address, R\_Phone\_No.

1NF:

R\_Phone\_No is a multivalued attribute.

C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, R\_Name, R\_Address, R\_Phone\_No, R\_Name, R\_Address, R\_Phone\_No.

2NF:

1. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, R\_Name, R\_Address.
2. R\_Name, R\_Address, R\_Phone\_No, R\_Name, R\_Address, R\_Phone\_No.

3NF:

No transitive dependency.

1. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, R\_Name, R\_Address.
2. R\_Name, R\_Address, R\_Phone\_No, R\_Name, R\_Address, R\_Phone\_No.

Table:

1. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, R\_Name, R\_Address.
2. R\_Name, R\_Address, R\_Phone\_No, R\_Name, R\_Address, R\_Phone\_No, **C\_ID**.
3. **C\_ID**, R\_Name.

**Table Creation**

1. ID, Name, E\_mail, Phone Number, Address.
2. GrvYrd\_ID, GrvYrd\_Name, GrvYrd\_Area, GrvYrd\_Address, **ID**.
3. M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary, **GrvYrDept\_ID**.
4. Emp\_No, Emp\_Name, NID Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Gender, Salary, **Dept\_ID**, **M\_ID**.
5. Dept\_ID, Dept\_Name.
6. O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender, **M\_ID**, **ID**.
7. C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender, **M\_ID**.
8. R\_Name, R\_Address, R\_Phone\_No, **M\_ID**, **C\_ID**.
9. **M\_ID** , **C\_ID,** R\_Name.
10. Grave\_ID, **Loc\_ID**, **Grave\_Size\_ID**, **GrvYrd\_ID**, **C\_ID**.
11. Loc\_ID, Block, Plot.
12. Grave\_Size\_ID, Adult, Young, Child.
13. ~~Emp\_No, Emp\_Name, Address, E\_mail, Phone\_Number, Hiredate, Blood\_Group, Date\_of\_Birth, Salary,~~ **~~M\_ID~~**~~.~~
14. ~~M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.~~
15. ~~GrvYrd\_ID, GrvYrd\_Name, GrvYrd\_Area, GrvYrd\_Address.~~
16. ~~M\_ID, M\_Name, NID, Address, E\_mail, Phone\_Number, Gender, Blood\_Group, Date\_of\_Birth, Hiredate, Salary.~~
17. ~~GrvYrd\_ID, GrvYrd\_Name, GrvYrd\_Area, GrvYrd\_Address.~~
18. ~~ID, Name, E\_mail, Phone Number, Address.~~
19. ~~O\_ID, O\_Name, O\_Address, O\_Phone Number, O\_ E\_mail, NID, Gender,~~ **~~ID~~**~~.~~
20. ~~Grave\_ID,~~ **~~Loc\_ID~~**~~,~~ **~~Grave\_Size~~**~~,~~ **~~C\_ID~~**~~.~~
21. ~~Loc\_ID, Block, Plot.~~
22. ~~Grave\_Size \_ID, Adult, Young, Child.~~
23. ~~C\_ID, C\_Name, NID, Death\_Certificate\_No, C\_Address, Date\_of\_Birth, Date\_of\_Death, Reason\_of\_Death, Gender.~~
24. ~~M\_ID, M\_Name, Address, Phone Number, E\_mail, Salary, Blood\_Group, Gender, NID, Date\_of\_Birth, Hiredate.~~