

complaint management

TABLE DESIGN



SUBMITTED BY:

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NO:55

**COMPLAINT MANAGEMENT**

**Table-1 registration primary key:reg\_id**

|  |  |  |
| --- | --- | --- |
| **FIELD** | **DATATYPE** | **DESCRIPTION** |
| Reg\_id | Numeric | Primary key |
| Loginid | Numeric | Foreign key from login |
| name | varchar | Complainer’s name |
| address | varchar | Complainer’s address |
| gender | varchar | Complainer’s gender |
| email | varchar | Complainer’s email |

The above registration is in 2NF.Since there is no partial dependency. The table is also in 3NF, since no non-prime attribute is transitively dependent on any other non-prime attribute.

**Table name 2: login account primary key: login\_id**

**Foreign key: reg\_id**

|  |  |  |
| --- | --- | --- |
| **FIELD** | **DATATYPE** | **DESCRIPTION** |
| Login\_id | numeric | login id |
| username | varchar | User name |
| password | varchar | password |

The above login is in 2NF.Since there is no partial dependency. The table is also in 3NF, since no non-prime attribute is transitively dependent on any other non-prime attribute. The login is in BCNF. Since non-prime attribute doesn’t determine any prime attribute.

**Table name 3: complaint**

**Primary key:complaint\_id**

**Forign key:reg\_id**

|  |  |  |
| --- | --- | --- |
| **FIELD** | **DATATYPE** | **DESCRIPTION** |
| Cmplaint\_id | Numeric | Complaint number |
| Date | Date | Date |
| Phoneno | Numeric | Phone number |
| Cmplcat | varchar | Complaint category |
| Complaint | varchar | complaint |
| Incplace | varchar | Incident place |
| Inctime | varchar | Incident time |
| Incdate | Date | Incident date |

The table is also in 3NF, since no non-prime attribute is transitively dependent on any other non-prime attribute. The above complaint is in BCNF. Since non-prime attribute doesn’t determine any prime attribute.

**Table Name4: status**

**primary key: status\_id**

**Forign key: complaint\_id**

|  |  |  |
| --- | --- | --- |
| **FIELD NAME** | **DATATYPE** | **DESCRIPTION** |
| Status\_id | Numeric | Primary key |
| Complaint\_id | Numeric | Foreign key from complaint |
| remarks | Varchar | remarks |
| status | Varchar | status |

The table is also in 3NF, since no non-prime attribute is transitively dependent on any other non-prime attribute. The above status is in BCNF. Since non-prime attribute doesn’t determine any prime attribute.