

Addis Ababa Institute of Technology

**Department of electrical and Computer Engineering**

**Database Systems**

**Design – Restaurant Billing and Management System (3NF)**

**Group Members ID number**

1. **Abel Tefera ATR/4360/07**
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**SUBMITTED TO – Biruk A.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Columns** | **Type** | **Primary Key** | **Foreign Key** | **Referenced Table** | **References Column** |
| staff\_members | Id | INT | **YES** |  |  |  |
| user\_name | VARCHAR(30) |  |  |  |  |
| password | VARCHAR(30) |  |  |  |  |
| Is\_manager | TINYINT |  |  |  |  |
| last\_login\_date | DATE |  |  |  |  |
| last\_login\_time | TIME |  |  |  |  |
|  |  |  |  |  |  |  |
| menu | Id | INT | **YES** |  |  |  |
| Item\_name | VARCHAR(30) |  |  |  |  |
| Item\_type | VARCHAR(30) |  |  |  |  |
| price | FLOAT |  |  |  |  |
|  |  |  |  |  |  |  |
| waiters | Id | INT | **YES** |  |  |  |
| first\_name | VARCHAR(30) |  |  |  |  |
| last\_name | VARCHAR(30) |  |  |  |  |
| last\_date\_worked | DATE |  |  |  |  |
| Last\_time\_worked | TIME |  |  |  |  |
|  |  |  |  |  |  |  |
| orders\_list | order\_id | INT | **YES** |  |  |  |
| table\_number | INT |  |  |  |  |
| date | DATE |  |  |  |  |
| time | TIME |  |  |  |  |
| Waiter\_id | INT |  | **YES** | waiter | id |
| staff\_member\_id | INT |  | **YES** | Staff\_members | id |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Individual\_orders | Item\_id | INT |  | **YES** | menu | id |
| quantity | INT |  |  |  |  |
| total\_price | FLOAT |  |  |  |  |
|  |  |  |  |  |  |  |
| number\_of\_tables | total | INT |  |  |  |  |