Places

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | Description | required | Foreign key |
| Region | string | 1 region out of 10 regions | \* |  |
| Type | string | Zone, woreda, regional city, rural | \* |  |
| Place\_name | String | Used for checking sometimes the regions have different allowance amount with the same type |  |  |
| Superintendent\_allowance | Number | Allowance type |  |  |
| Higher\_officer\_allowances | Number | Allowance type |  |  |
| Spr\_member\_one | Number | Allowance type |  |  |
| Spr\_member\_two | Number | Allowance type |  |  |
| Others\_allowances | Number | Allowance type |  |  |
| Normal\_scale\_1\_allowance | Number | Allowance type |  |  |
| Normal\_sacle\_2\_allowance | Number | Allowance type |  |  |
| Normal\_sacle\_3\_allowance | Number | Allowance type |  |  |
| Climate\_allowance | Number | Allowace type |  |  |

**Employee**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **Description** | **required** | **Foreign key** |
| Emp\_id | Number | Employee id generated by the company | **\*** |  |
| First\_name | String | First name of the employee | **\*** |  |
| Middle\_name | String | Middle name of employee |  |  |
| Last\_name | String | Last\_name of employee | **\*** |  |
| Sex | string | Sex of employee | **\*** |  |
| position | String | Position of the manager if it is official (senior ) |  |  |
| Department | String | Department | **\*** |  |
| Official | Boolean | True- for if it is official employee  False-for if it is normal employee  Note:-this is useful for employee to know their allowance based on their postion | **\*** |  |
| Salary | Number | Salary of employee | **\*** |  |
| Type | Number | Employee user type based on 10 roles |  |  |

**User type**

User type is useful because the allowances and tor need different approval level thus it is essential a role on the employees to access the system.

There are 10 user type classified based on their role

* Employee
* Team leader
* Director
* Sector leader
* Senior officer
* Finance employee
* Finance team leader
* Finance director
* Finance sector leader

Now it is easily to manage server token

**User table**

User information is mandatory when the user is using the system

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | Description | Required | Foreign key |
| Username | String | User name when the user is using the system | \* |  |
| password | String | Password of the user | \* |  |
| Employee\_id | String | Foreign key referencing the employee with another table | \* | \* |
| allowances | String | List of allowances id that the user previously registers |  | \* |

Allowances

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | type | description | required | Foreign key |
| Letter\_id | string |  |  | \* |
| Tor\_id | string |  |  | \* |
| Emp\_id | string |  | \* | \* |
| Total\_amount | num |  |  |  |
| Reserve\_amount | num |  |  |  |
| Living\_allowance | num |  |  |  |
| Day\_allowance | num |  |  |  |
| climate\_allowance | num |  |  |  |
| status | String | Paid, unpaid, pending |  |  |
| Pend\_gd\_id | String |  | \* | \* |
| Pend\_dir\_id | String |  | \* | \* |
| Pend\_team\_id | String |  | \* | \* |
| Pend\_emp\_id | String |  | \* | \* |
| Approve\_emp\_id | String |  | \* | \* |
| Approve\_leamlead\_id | String |  | \* | \* |
| Approve\_dir\_id | String |  | \* | \* |
| Approve\_gd\_id | String |  | \* | \* |

department

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Type | Description | required | Foreign key |
| name | string |  | \* |  |
| Office\_no | num |  |  |  |
| phone | string |  |  |  |

Company

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | type | description | required | Foreign key |
| Name | String |  | \* |  |
| Logo | String |  |  |  |
| Dept\_length | Num |  | \* |  |
| city | String |  |  |  |
| Sub city | String |  |  |  |
| wereda | String |  |  |  |
| email | String |  |  |  |
| Phone1 | String |  |  |  |
| Phone2 | String |  |  |  |