Topic : BuildTech Construction Management System

Date : 16/03/2021

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Table no: tbl_no1

Table Name: **tbl_login**

Primary Key: login_id

Fieldname	Data Type	Size	Description
login_id	Int	10	Primary key
username	Varchar	20	unique username to login
password	Varchar	20	password to login
user_type	Varchar	20	Type of users
status	Int	20	Status of the user

Table no: tbl_no2

Table Name: **tbl_contractorReg**

Primary Key: contractor_id

Foreign Key: login_id, state_name,dist_name

Fieldname	Data type	Size	Description
contractor_id	Int	10	Primary key
contractor_name	Varchar	20	Contractor name
email_id	Varchar	50	Email id of contractor
phone_no	Varchar	20	Phone number of contractor
licenceNo	Varchar	20	Licence number of contractor
licenceProof	Varchar	50	Licence proof of contractor
companyName	Varchar	50	Company name of

Fieldname	Data type	Size	Description
			contractor
Specialisation	Varchar	50	Specilisation category of contractor
dist_name	Varchar	20	Foreign key with reference from district table
state_name	Varchar	20	Foreign key with reference from state table
login_id	Int	10	Foreign key with reference from login table
status	Int	20	Status of the contractor

Table no: tbl_no3

Table Name: **tbl_laboursReg**

Primary Key: lid

Foreign Key: login_id, state_name, category_name,dist_name

Fieldname	Data type	Size	Description
lid	Int	10	Primary key
Lab_name	Varchar	20	Labour name
phoneno	Varchar	20	Phone number of labour
email_id	Varchar	20	Email id of labour
location	Varchar	20	Location of the labour
dist_name	Varchar	20	Foreign key with reference from district table
state_name	Varchar	20	Foreign key with reference from state table
adharCardNo	Number	20	Adharcard number of labour

login_id	Int	10	Foreign key with reference from login table
category_name	Varchar	50	Foreign key with reference from category table
status	Int	20	Status of the labour

Table no: tbl_no4

Table Name: **tbl_customerReg**

Primary Key: cust_id

Foreign Key: login_id, state_name, dist_name

Fieldname	Date type	Size	Description
cust_id	Int	10	Primary Key
cust_name	Varchar	20	Name of customer
address	Varchar	50	Address of customer
postOffice	Varchar	20	Post office of customer
PIN Code	Number	20	Pin code number of customer
phno	Number	20	Phone number of client
email_id	Varchar	20	Email id
dist_name	Varchar	20	Foreign key with reference from district table
state_name	Varchar	20	Foreign key with reference from state table
login_id	Int	10	Foreign key with

			reference from login table
status	Int	20	Status of the customer

Table no: tbl_no5

Table Name: **tbl_project**

Primary Key: proj_id

Foreign Key: cust_id, contractor_id

Fieldname	Data Type	Size	Description
proj_id	Int	10	Primary key
projectName	Varchar	20	name of project
siteAddress	Varchar	50	site address of project
projectPlan	Varchar	50	Project plan details
package	Varchar	50	Different packages for construction
Square feet	Int	20	Square feet of the project plan
bidAmount	Number	20	total amount of construction proposed by customer
cust_id	Int	10	Foreign key with reference from customer table
contractor_id	Int	10	Foreign key with reference from contractor table
status	Int	20	Status of the project

Table no: tbl_no6
Table Name: **tbl_WeeklyProgressReport**

Primary Key: report_id

Foreign Key: proj_id

Fieldname	Data type	Size	Description
report_id	Int	10	Primary key
proj_id	Int	10	Foreign key with reference from project table
Title	Varchar	20	Title
activityDetails	Varchar	20	Activities performed today
From_date	Varchar	10	From date
To_date	Varchar	10	To date
Status	Int	20	Status of the report

Table no: tbl_no7

Table Name : **tbl_estimation**

Primary Key: est_id

Foreign Key : proj_id,cust_name,contractor_name

Fieldname	Data type	Size	Description
est_id	Int	10	Primary key
proj_id	Int	10	Foreign key with reference from project table
cust_name	Varchar	20	Foreign key with reference from customer table
contrcator_name	Varchar	20	Foreign key with reference from

			contractor table
total_cost	Number	20	Total cost of the entire project
concrete	Number	20	Total cost of Concrete work
brick	Number	20	total cost of Bricks
electrical	Number	20	Total cost of electrical work
status	Int	10	Status of the estimation

Table no: tbl_no8

Table Name : **tbl_site_location**

Primary Key: sid

Foreign Key: contractor_name,labour_name

Fieldname	**Data type**	**Size**	**Description**
sid	Int	10	Primary key
site_loc	Varchar	20	Site location of the project
from_date	Varchar	10	From date
to_date	Varchar	10	To date
contractor_name	Varchar	20	Foreign key with reference from contractor table
labour_name	Varchar	20	Foreign key with reference from labour table
Status	Int	20	Status of the labour to take the work

Table no: tbl_no9

Table Name: **tbl_labour_Category**

Primary Key: category_id

Fieldname	Data Type	Size	Description
category_id	Int	10	Primary key
category_name	Varchar	20	Category name
status	Int	10	Status of the labour category

Table no: tbl_no10

Table Name: **tbl_state**

Primary Key: sid

Fieldname	Data type	Size	Description
Sid	Int	10	Primary key
stateName	Varchar	20	State name
status	Int	10	Status of the state

Table no: tbl_no11

Table Name: **tbl_district**

Primary Key: did

Foreign Key : sid

Fieldname	Data type	Size	Description
Did	Int	10	Primary key

Sid	Int	10	Foreign key with reference from state table
distName	Varchar	20	District name
status	Int	10	Status of the district

Table no: tbl_no12

Table Name: **tbl_complaint**

Primary Key: comp_id

Foreign Key : login_id,to_login_id

Fieldname	Data type	Size	Description
comp_id	Int	10	Primary key
login_id	Int	10	Foreign key with reference from login table(customer login_id)
to_login_id	Int	10	Foreign key with reference from login table(contractor login_id)
complaint	Varchar	100	Complaint of the user
status	Int	10	Status of the complaint

Table no: tbl_no13

Table Name: **tbl_WeeklyWages**

Primary Key: wageid

Foreign Key : contractor_id, lid

Fieldname	Data Type	Size	Description
wageid	Int	10	Primary Key

contractor_id	Int	10	Foreign key with reference from contractor table
lid	Int	10	Foreign key with reference from labour table
wages	Varchar	20	Weekly wages of labour
From date	Varchar	10	From date
To date	Varchar	10	To date
status	Int	20	Status of the weekly wages

Table no: tbl_no14

Table Name: **tbl_payment**

Primary Key: paymentid

Fieldname	Data Type	Size	Description
Paymentid	Int	10	Primary key
Name	Varchar	50	Name on card
Card Number	Int	100	Card Number of the user
CVV	Int	20	CVV number on card
Expiration Date	Varchar	20	Expiration Date on card
Amount	Number	20	Amount

Table no: tbl_no15

Table Name: **tbl_postoffice**

Primary Key: pid

Fieldname	Data type	Size	Description
pid	Int	10	Primary key
post_office	Varchar	20	Post office name
status	Int	10	Status of the post office

Table no: tbl_no16

Table Name: **tbl_services**

Primary Key: category_id

Fieldname	Data Type	Size	Description
serv_id	Int	10	Primary key
service	Varchar	20	service name
status	Int	10	Status of the service