

Table Design

Table No: 01

Table Name: tbl_user

Primary Key: user_id

Foreign Key: role_id, team_id

Table Description: To store user information

Fieldname	Data Type	Size	Description
user_id	int	10	primary key
username	varchar	100	name of the user
mob	varchar	10	mobile number
email	varchar	50	email id
dob	varchar	8	date of birth
password	varchar	100	password
user_created_at	varchar	10	date of user created
user_status	int	2	status of user
role_id	int	10	foreign key of tbl_user_role
team_id	int	20	foreign key of tbl_teams

Table No: 02

Table Name: tbl_user_role

Primary Key: role_id

Foreign Key:

Table Description: To store user role types information

Fieldname	Data Type	Size	Description
role_id	int	10	primary key
role_name	varchar	50	user role name
role_permission	int	10	user permission

Table No: 03

Table Name: tbl_project

Primary Key: project_id

Foreign Key:

Table Description: To store details of projects

Fieldname	Data Type	Size	Description
project_id	int	15	primary key
project_name	varchar	50	name of the project
project_description	varchar	500	description of the project
project_created_date	varchar	10	date of project created
project_start_date	varchar	10	date which project will start
project_end_date	varchar	10	date which project will end
project_status	int	10	status of the project
project_priority	int	10	priority of project

Table No: 04

Table Name: tbl_teams

Primary Key: team_id

Foreign Key: manager_id

Table Description: To store details of teams

Fieldname	Data Type	Size	Description
team_id	int	10	primary key
team_title	varchar	50	team name
manager_id	int	10	foreign key of tbl_user

Table No: 05

Table Name: tbl_team_members

Primary Key: member_id

Foreign Key: user_id, team_id

Table Description: To store details of team members

Fieldname	Data Type	Size	Description
member_id	int	10	primary key
team_id	int	10	foreign key of tbl_teams
user_id	int	10	foreign key of tbl_user

Table No: 06

Table Name: tbl_team_allocation

Primary Key: team_allocation_id

Foreign Key: team_id, project_id, project_manager

Table Description: To store details of team allocation to projects

Fieldname	Data Type	Size	Description
team_allocation_id	int	10	primary key
team_id	int	10	foreign key of tbl_teams
project_id	int	10	foreign key of tbl_project
project_manager	int	10	foreign key of tbl_user

Table No: 07

Table Name: tbl_tasks

Primary Key: task_id

Foreign Key: project_id, team_id, task_added_by

Table Description: To store information about tasks

Fieldname	Data Type	Size	Description
task_id	int	15	primary key
task_title	varchar	300	title of the task
task_description	varchar	500	description of the task
team_id	int	15	foreign key of tbl_teams
task_added_by	int	15	foreign key of tbl_user
task_status	int	11	status of the task
project_id	int	15	foreign key of tbl_project
task_created_at	date		current_timestamp()

Table No: 08

Table Name: tbl_files

Primary Key: file_id

Foreign Key: project_id, team_id, uploaded_by_id

Table Description: To store uploaded file details

Fieldname	Data Type	Size	Description
file_id	int	15	primary key
file_name	varchar	50	name of the file
file_size	varchar	50	size of the file
uploaded_by_id	int	15	foreign key of tbl_user
uploaded_date	varchar		file uploaded date
team_id	int	15	foreign key of tbl_teams
project_id	int	15	foreign key of tbl_project

Table No: 09

Table Name: tbl_events

Primary Key: id

Foreign Key:

Table Description: To store schedules and event details

Fieldname	Data Type	Size	Description
id	int	10	primary key
title	varchar	255	title of the event
start	date		start date of event
end	date		end date of event

Table No: 10

Table Name: tbl_invitation

Primary Key: invitation_id

Foreign Key: email, team_id

Table Description: To store details of invited members

Fieldname	Data Type	Size	Description
invitation_id	int	10	primary key
email	varchar	100	foreign key of tbl_email
team_id	int	15	foreign key of tbl_teams
referral_id	varchar	100	referral id sends to user
invite_status	int	10	user invitation status

Table No: 11

Table Name: tbl_activity

Primary Key: activity_id

Foreign Key: activity_by, project_id

Table Description: To store all user activities

Fieldname	Data Type	Size	Description
activity_id	int	10	primary key
activity_desc	varchar	5000	Description of the activity
activity_by	int	15	foreign key of tbl_user
activity_date	datetime		date of which the activity added
project_id	int	10	foreign key of tbl_project
activity_type	varchar	500	the type of activity

Table No: 12

Table Name: tbl_chats

Primary Key: chat_id

Foreign Key: sender_id, receiver_id

Table Description: To store all chat details

Fieldname	Data Type	Size	Description
chat_id	int	10	primary key
sender_id	int	15	foreign key of tbl_user
sender_name	varchar	100	Name of the sender

receiver_id	int	15	foreign key of tbl_user
receiver_name	varchar	100	Name of the receiver
date_time	datetime		Timestamp of the chat
chat_text	varchar	1000	Actual chat message
chat_image	varchar	500	location of image attachments
chat_attachment	varchar	500	location of other document attachment

Table No: 13

Table Name: tbl_checklist

Primary Key: checklist_id

Foreign Key: task_id, project_id, user_id

Table Description: To store checklist details

Fieldname	Data Type	Size	Description
checklist_id	int	10	primary key
task_id	int	11	foreign key of tbl_tasks
project_id	int	11	foreign key of tbl_project
user_id	int	11	foreign key of tbl_user
checklist_title	varchar	500	title of the checklist
status	int	11	status of the checklist

Table No: 14

Table Name: tbl_comments

Primary Key: comment_id

Foreign Key: task_id, project_id, user_id

Table Description: To store comment details

Fieldname	Data Type	Size	Description
comment_id	int	10	primary key
task_id	int	11	foreign key of tbl_tasks
project_id	int	11	foreign key of tbl_project
user_id	int	11	foreign key of tbl_user
comment	varchar	500	Actual comment
comment_time	datetime	11	Timestamp of the comment