

## Project Development System

**TABLE DESIGN****1. Table name: login**

Primary key: username

Field	Type	Length	Constraint	Description
loginid	int	6	notnull	Automatically incremented id
Role	varchar	20	notnull	Type of user
username	varchar	20	primarykey	Username of user
password	varchar	20	notnull	Password of user
status	varchar	20	notnull	Block or unblock status
online	int	6	notnull	Online user status

**2. Table name: manager**

Primary key: mgrid

Foreign key: username

Field	Type	Length	Constraint	Description
mgrid	Int	6	primarykey	Automatically incremented id
mgrname	Varchar	20	notnull	Name of manager
mgrdomain	Varchar	20	notnull	Associated domains
username	Varchar	20	foreignkey	Username of manager
mgrphoto	Varchar	100	notnull	Photo path of manager
mgrresume	Varchar	100	notnull	Resume path of manager
mgrexpr	Varchar	10	notnull	Experience of manager
mgrdate	Date		notnull	Appointed date of manager
mgremail	Varchar	20	notnull	Email-id of manager

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**3. Table name: teamleader**

Primary key: teamid

Foreign key: username

Field	Type	Length	Constraint	Description
teamid	Int	6	primarykey	Automatically incremented id
teamname	Varchar	20	notnull	Name of team leader
teamdomain	Varchar	20	notnull	Associated domains
username	Varchar	20	foreignkey	Username of teamleader
teamphoto	Varchar	100	notnull	Photo path of team leader
teamresume	Varchar	100	notnull	Resume path of team leader
teamexp	Varchar	10	notnull	Experience of team leader
teamdate	Date		notnull	Appointed date of team leader
teamemail	Varchar	20	notnull	Email-id of team leader

**4. Table name: employee**

Primary key : empid

Foreign key: teamid, mgrid, username

Field	Type	Length	Constraint	Description
empid	Int	6	primarykey	Automatically incremented id
teamid	Varchar	20	foreignkey	Unique id of team leader
empname	Varchar	20	notnull	Name of employee
mgrid	Varchar	20	foreignkey	Code of manager
username	Varchar	20	foreignkey	Username of employee
empphoto	Varchar	100	notnull	Photo path of employee
empresume	Varchar	100	notnull	Resume path of employee
empexp	Varchar	20	notnull	Experience of employee
empdate	Date	20	notnull	Appointed date of employee
empemail	varchar	20	notnull	Email-id of employee
empproject	varchar	50	notnull	Project assigned for the employee

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**5.Table name: client**

Primary key : clid

Foreign key: username

Field	Type	Length	Constraint	Description
Clid	Int	6	primarykey	Automatically incremented id
clname	varchar	20	notnull	Name of client
cloccu	varchar	20	notnull	Occupation of client
claddrs	varchar	50	notnull	Address of client
clage	int	3	notnull	Age of client
clgen	varchar	3	notnull	Gender of client
username	varchar	20	foreignkey	Username of client
clemail	varchar	20	notnull	Email-id of client
clphone	varchar	20	notnull	Phone number of client
cldescr	varchar	50	notnull	Description of work

**6.Table name: adminwork**

Primary key :aworkid

Foreign key: username

Field	Type	Length	Constraint	Description
aworkid	int	6	primarykey	Automatically incremented id
username	int	6	foreignkey	Id of user
projecttopic	varchar	50	notnull	Topic of project
project	varchar	500	notnull	Path of project abstract file
extra	varchar	100	notnull	Extra information
enddate	date		notnull	Date of completion given by user
workstatus	varchar	20	notnull	Status of work
status	varchar	20	notnull	Current status

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**7. Table name: managerwork**

Primarykey:mworkid

Foreign key:Mgrid

Field	Type	Length	constraint	Description
mworkid	int	6	primarykey	Automatically incremented id
Mgrid	int	20	foreignkey	Code of manager
projecttopic	varchar	50	notnull	Topic of project
Project	varchar	500	notnull	Path of project abstract file
Extra	varchar	50	notnull	Extra information
Completion date	date		notnull	Date of completion assigned by admin
End date	date		notnull	Actually completed date
workstatus	varchar	20	notnull	Status of work
Status	varchar	20	notnull	Current status

**8. Table name: teamwork**

Primarykey:tworkid

Foreign key: teamid

Field	Type	Length	constraint	Description
tworkid	int	6	primarykey	Automatically incremented id
teamid	int	20	foreignkey	Code of teamleader
projecttopic	varchar	50	notnull	Topic of project
project	varchar	500	notnull	Path of project abstract file
extra	varchar	100	notnull	Extra information
completion date	date		notnull	Date of completion assigned by admin
End date	date		notnull	Actually completed date
workstatus	varchar	20	notnull	Status of work
status	varchar	20	notnull	Current status

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**8.Table name: employeework**

Primary key:eworkid

Foreign key:empcode

Field	Type	Length	constraint	Description
workid	int	6	primarykey	Automatically incremented id
empcode	int	6	foreignkey	Code of employee
projecttopic	varchar	50	notnull	Topic of project
modulename	varchar	50	notnull	Name of module
module	varchar	20	notnull	Path of module abstract
extra	varchar	500	notnull	Extra information
completion date	date		notnull	Date of completion assigned by admin
workdone date	date		notnull	Actually completed date
workstatus	varchar	20	notnull	Status of work
status	varchar	20	notnull	Current status

**9.Table name: news**

Field	Type	Length	constraint	Description
news	varchar	100	notnull	News data

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**10. Table name: inbox**

Primary key : inboxid

Foreign key: toid, fromid

Field	Type	Length	Constraint	Description
inboxid	int	6	primarykey	Automatically incremented id
toid	varchar	20	foreignkey	Id of receiver
fromid	varchar	20	foreignkey	Id of sender
subject	varchar	50	notnull	Subject of message
message	varchar	500	notnull	Content of message

**11. Table name: sentitems**

Primary key: sendid

Foreign key: fromid, toid

Field	Type	Length	constraint	Description
sendid	int	6	primarykey	Automatically incremented id
fromid	varchar	20	foreignkey	Id of receiver
toid	varchar	20	foreignkey	Id of sender
subject	varchar	50	notnull	Subject of message
message	varchar	500	notnull	Content of message

## Project Development System

**12. Table name: chat**

Primary key: sendid

Foreign key: from, to

Field	Type	Length	constraint	Description
id	int	6	primarykey	Automatically incremented id
from	varchar	20	foreignkey	Sender
to	varchar	20	foreignkey	Receiver
message	text		notnull	Content
sent	datetime		notnull	Send message
recd	int	10	notnull	Record of message