

DBMS PROJECT



SOFTWARE PROJECT MANAGEMENT SYSTEM

SPM SYSTEM

SPM : **Software project management** is an art and science
of planning and leading software projects

It is a sub-discipline of project management
in
which software projects are planned, implemented, monitored and controlled

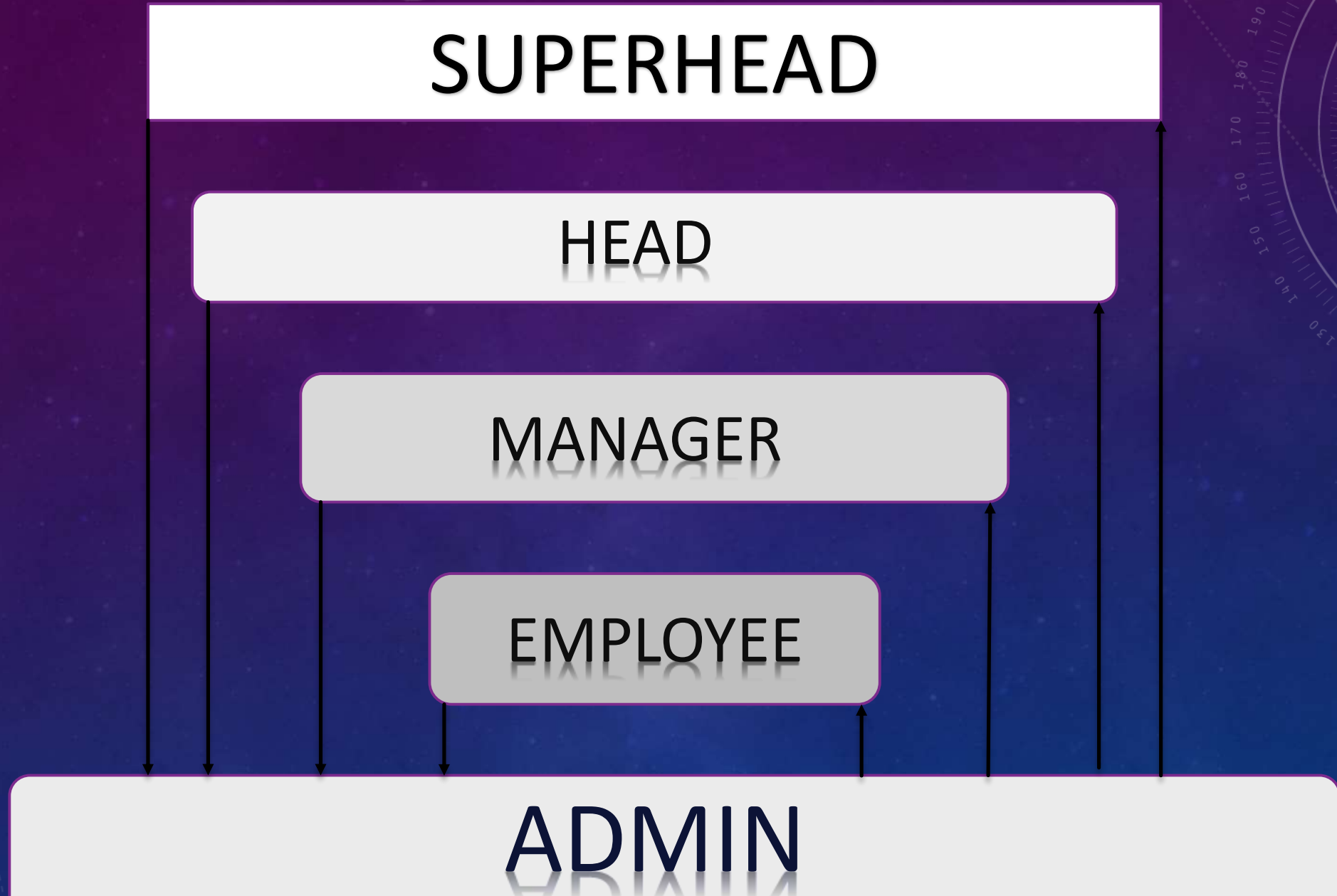
SUPERHEAD

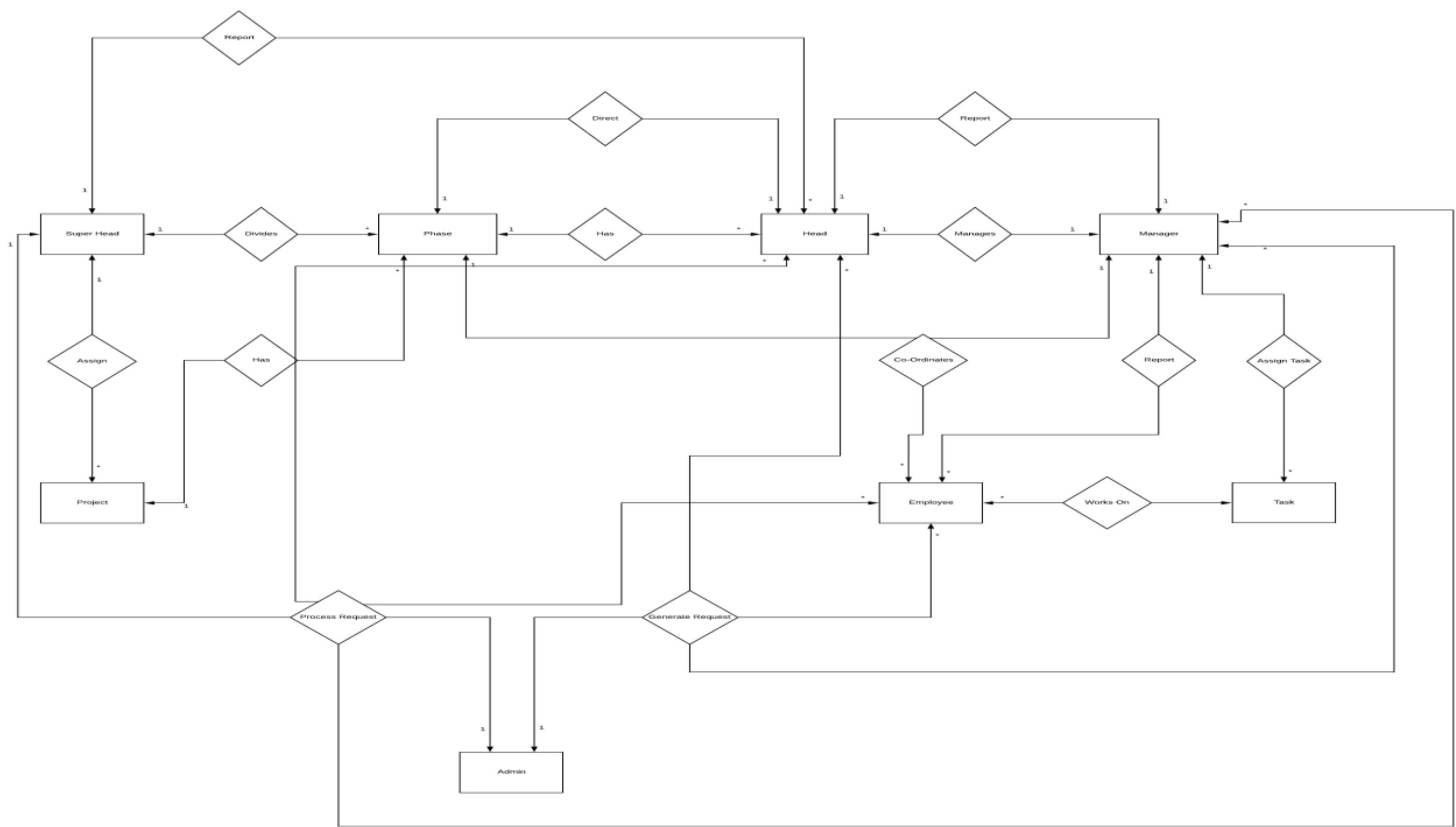
HEAD

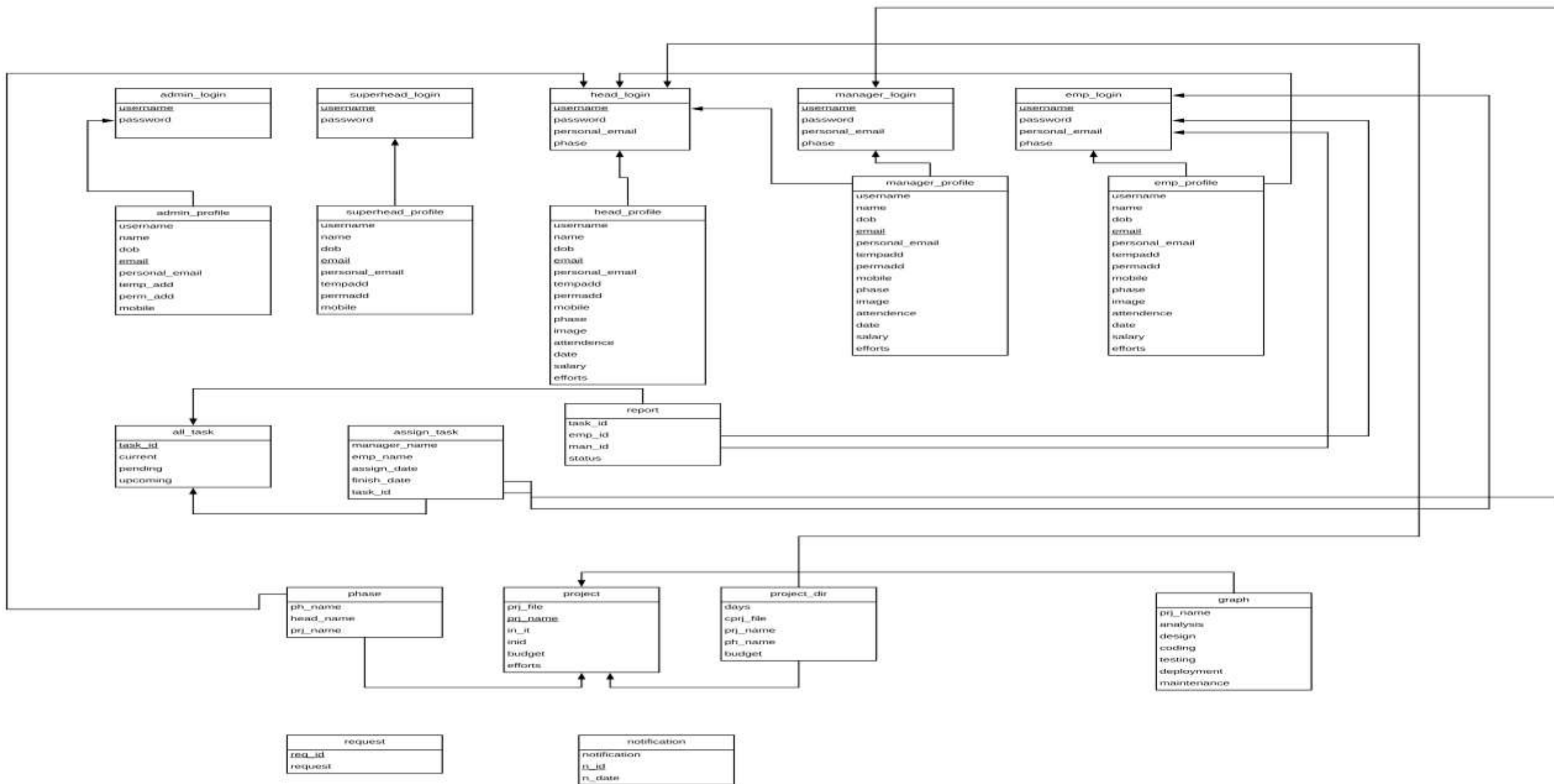
MANAGER

EMPLOYEE

ADMIN







Common Features

- All of them can update their personal details
- All of them can update & reset password from their profile page
- All of them can send and receive email (localhost email server)
- All of them can receive notifications regarding project
- All of them can made (technical) request to ADMIN
- All of them can see general project details except ADMIN
- All of them can see current project details except ADMIN
- All of them can take part in forum
- All of them can track their progress details except admin

ADMIN Features

Specific:

- Admin handles localhost email server and decides username
- Admin has full control of Database
- Admin can add other members except Superhead
- Admin can resolve all the requests made by others
- Admin can track each member's chat on forum
- Admin take care of all submissions directories

SUPERHEAD Features

Specific:

- Superhead handles all project related details
- Superhead decides head for particular phase
- Superhead can track overall project progress
- Superhead updates general project details for everyone
- Superhead can access all submissions made by Heads
- Superhead give commands to Admin before manipulation of DB

HEAD Features

Specific:

- Head decides the team members
- Head can directly check the phase details of other Head's too
- Head can only put the notifications and delete as well
- Head can see all submissions by Managers
- Head can directly report final submission to Superhead
- Head put the details of current project under particular phase

MANAGER Features

Specific:

- Manager put task for every employee directly
- Manager can view submissions of all employee directly
- Manager can report to Head for particular phase submission
- Manager can view all task assigned to every employee (phase)

EMPLOYEE Features

Specific:

- Employee can view his current task
- Employee receive all upcoming tasks
(Provides flexibility to work)
- Employee can directly report all task to Manager
- Employee can modify his/her own submissions

Triggers on Insertion

**Foreign Key constrains
on
update and delete**

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