MovieDB.pdf
Shui Ki Cheung

design goals : Movie database
for which user can update, add actor, movie, genre information
user can update, add, delete a release

how to work :
Moviedb.php is the main page other function is being set as .php which will connect
to database only when they are called and will close the connection at the end of
each file
Just input the requirement information and submit should call the function and
return the result.

There was six tables

Actor
Genre
Movie
Medium
Role
Releaserecord

But there is no role insert or update or delete function
So cannot produce update actor report or movie report if there is new role

And for all the insert, update, delete , view php
All of the function use prepared statement to connect to the database

List of function .php
insert or update the table as well as generate report
view has 3 php
viewmovie.php
viewrelease.php
viewactor.php

then there is general report for actor and movie
actorreportbyyr.php
actorreportbyrating.php
actorreportbygenre.php
moviereportbyyr.php
moviereportbygenre.php
moviereportbyrating.php

because there is an requirement for single actor report

singleactorbygenre.php
singleactorbyyear.php
singleactorbyrating.php

finally a report for release report
releaseresport.php

as for insert function there is three php
insertactor.php
insertmovie.php
insertgenre.php

to update the three table
updateactor.php
updatemovie.php
updategenre.php

to delete release
deleterelease.php

ER diagram

Legend:

Aid = actor id
mid = movie id.
gname = genre name.
medid = medium id.

Entities and attributes:

- aid
- Job
- gender
- Actor
- first name
- last name
- role / actor id
- role name
- role
- release id
- release
- release date
- medium
- medid
- medium name
- Genre
- gname
- movie
- mid
- title
- year
- gid