Database connection

Server\_name = “localhost”

Username = “membs”

Password = “Password”

Dname = “membs”

Try

Conn = new PDO(“my sql:host = servername;port = 3306; dbname = Dname, Username, Password)

Conn ->setAttribute(PDO:: ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION)

Catch(PDOException =e)

Output e

Profile

Session\_start()

If session != login

Redirect to login

Output you are not logged in

Else

Username = session username

Output “[Username]’s profile page”

Output “Welcome [Username]”

Sql = SELECT Username, Fname, Sname, Email from membs where username =?

Sql = prepare(sql)

Stmt = bind parameter (username)

Stmt = execute(stmt)

Result = stmt fetch( PDO fetch result)

For each activity

Output activity “:” value

Activity Log

Start session()

Userid = session(userid)

Actions = act[log, spc, upc]

For each actions = action

Sql = select count(\*) as count from activity where userid = ? and activity = ?

Stmt = prepare(sql)

Stmt = bind parameter(userid)

Stmt = bind parameter(action)

Stmt execute()

Result = stmt fetch (PDO fetch result)

Act = “”

If action = log then

Act = login

Else if action = spc then

Act = successful password change

Else

Act = unsuccessful password change

Output act “:” result(result)

Register

Username = post(username)

Password = post(password)

First\_name = post(firstname)

Last\_name = post(lastname)

Email = post(email)

Confirm\_password = post(confirmpassword)

Date = date(format: y-m-d)

If Password != Confirm\_Password then

redirect user to "signup.html" after 5 seconds

Output” passwords didn’t match”

Else if password does not contain any lowercase letters then

redirect user to "signup.html" after 5 seconds

Output "There are no lowercase letters"

Else if password does not contain any uppercase letters then

redirect user to "signup.html" after 5 seconds

Output "There are no uppercase letters"

Else if password does not contain any numbers then

redirect user to "signup.html" after 5 seconds

Output "There are no numbers"

Else if password does not contain any special characters then

redirect user to "signup.html" after 5 seconds

Output "There are no special characters"

Else if password length is less than 8 characters then

redirect user to "signup.html" after 5 seconds

Output "Password is less than 8 characters"

Else

Sql = select Username from mem where Username = ?

Stmt = prepare(sql)

Stmt = bind parameter(username)

Stmt execute()

Result = stmt fetch( PDO fetch result)

If result is found then

redirect user to "signup.html" after 5 seconds

Output "User Exists, try another name"

Else

Hashed\_Password = password\_hash(password)

sql = insert into mem(Username, Password, Fname, Sname, Email, Signup) values (?,?,?,?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Username)

Stmt = bind parameter(password)

Stmt = bind parameter(First\_name)

Stmt = bind parameter(Last\_name)

Stmt = bind parameter(Email)

Stmt = bind parameter(Date)

Stmt execute()

Result = stmt fetch( PDO fetch result)

redirect user to "login.html" after 5 seconds

Output "registered"

Verify Login

Set cokkie time (3600)

Session\_start()

Username = post(username)

Password = post(password)

sql = select \* from mem where username= ?

Stmt = prepare(sql)

Stmt = bind parameter(username)

Stmt execute()

Result = stmt fetch( PDO fetch result)

If result is found then

Session = true

If password = result(password) then

Activity = log

Logtime = time()

sql = insert into activity (Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Useris)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Logtime)

Stmt execute()

Else

redirect user to "login.html" after 5 seconds

Output "registered"

Verify Update Password

Session\_start()

OldPassword = post(opassword)

NewPassword = post(npassword)

ConPassword = post(cpassword)

Userid = session(userid)

Sql = select password from membs where userid =?

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt execute()

Result = stmt fetch( PDO fetch result)

Savedpassword = result(Password)

If result is found then

If OldPassword = saved password then

If NewPassword != ConPassword then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” passwords didn’t match”

Else if password does not contain any lowercase letters then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” password did not contain any lowercase letters”

Else if password does not contain any uppercase letters then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” password didn’t contain any uppercase letters”

Else if password does not contain any numbers then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” password didn’t contain any numbers”

Else if password does not contain any special characters then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” password didn’t contain any special characters”

Else if password length is less than 8 characters then

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "updatepswd.html" after 5 seconds

Output” password wasn’t long enough”

Else

Hashed\_Password = password\_hash(NewPassword)

sql = Update mem set password = ? where userid = ?

Stmt = prepare(sql)

Stmt = bind parameter(NewPassword)

Stmt = bind parameter(Userid)

Stmt execute()

Result = stmt fetch( PDO fetch result)

Action = spc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "login.html" after 5 seconds

Output "Password changed"

Else

Action = apc

Logtime = time()

sql = insert into activity(Userid, Activity, Date) values (?,?,?)

Stmt = prepare(sql)

Stmt = bind parameter(Userid)

Stmt = bind parameter(Activity)

Stmt = bind parameter(Date)

Stmt execute()

Session\_unset()

Session\_destroy()

redirect user to "login.html" after 5 seconds

Output” Old password did not match saved password”

Verify Details Update

Session\_start()

Username = session(username)

Password = post(password)

First\_name = post(firstname)

Last\_name = post(lastname)

Email = post(email)

Userid = session(userid)

Sql = Update mem set First\_name = ?, Last\_name =?, Email = ? where userid = ?

Stmt = prepare(sql)

Stmt = bind parameter(First\_name)

Stmt = bind parameter(Last\_name)

Stmt = bind parameter(Email)

Stmt = bind parameter(Userid)

Stmt execute()

redirect user to "profile.html" after 5 seconds

Output "Updated deatails"

Password Check

Username = post(username)

Password = post(password)

First\_name = post(firstname)

Last\_name = post(lastname)

Email = post(email)

Confirm\_password = post(confirmpassword)

If Password != Confirm\_Password then

redirect user to "signup.html" after 5 seconds

Output” passwords didn’t match”

Else if password does not contain any lowercase letters then

redirect user to "signup.html" after 5 seconds

Output "There are no lowercase letters"

Else if password does not contain any uppercase letters then

redirect user to "signup.html" after 5 seconds

Output "There are no uppercase letters"

Else if password does not contain any numbers then

redirect user to "signup.html" after 5 seconds

Output "There are no numbers"

Else if password does not contain any special characters then

redirect user to "signup.html" after 5 seconds

Output "There are no special characters"

Else if password length is less than 8 characters then

redirect user to "signup.html" after 5 seconds

Output "Password is less than 8 characters"

Else

Sql = select Username from mem where Username = ?

Stmt = prepare(sql)

Stmt = bind parameter(username)

Stmt execute()

Result = stmt fetch( PDO fetch result)