Group 6:

Improved Unit Tests:

TestdbConnection

Connection created

Connect connection(Host = “ ”, Username = “ ”, etc.)

If(connection = established)

Print(“DB is connected”)

Else

Print(“DB is not connected”)

TestEvent

Create Event(name,date,time,…)

Insert event into DB

Retrieve event from DB

Compare DB Data against Input Data

InputName == Event.Name

InputDate == Event.Date

…

If(All DB Data == AllInputData)

Print(“This event has been verified”)

Else

Print(“There has been an error in verifying this event”)

TestFacility

Create Facility(FacilityName, FacID,SchoolID,…)

Insert Facility into DB

Retrieve Facility from DB

Compare DB Data against Input Data

InputFacilityName == Facility.Name

InputFacID == Facility.FacID

…

If(All DB Data == AllInputData)

Print(“This facility has been verified”)

Else

Print(“There has been an error in verifying this faciity ”)

TestBanUser

Select User to Ban

Edit User\_Type from “\_\_\_\_\_” to “Banned”

Compare DB Data with expected user type

If(User.User\_Type == “Banned”)

Print(“The User has been properly banned”)

Else

Print(“There has been an error in banning the user”)

Attempt/Simulate login process to verify they can no longer log in

TestFacility

Create School(SchoolName, SchoolID,…)

Insert Facility into DB

Retrieve Facility from DB

Compare DB Data against Input Data

InputFacilityName == Facility.Name

SchoolID == School.ID

…

If(All DB Data == AllInputData)

Print(“This school has been verified”)

Else

Print(“There has been an error in verifying this school”)

Test User

Create User(UserName,UserID,Address,…)

Insert User into DB

Retrieve User from DB

Compare DB Against Input Data

InputUserName == User.Name

InputEmail == User.Email

InputAddress == User.Address

…

If(All DB Data == AllInputData)

Print(“This User has been verified”)

Else

Print(“There has been an error in verifying this User”)

TestSocialMedia

Initiate Social Media/Facebook API

Enter String to post on Social Media

Submit/Post to Social Media

Verify that the correct information was posted to the right profile/account

TestPayment

Initiate Stripe API

Enter user info (plus secret testing key) to form

Submit Payment through API

Verify in records that the payment has been properly directed and recorded