Angry   Nerds   -Class   Diagram

Behrad
Amin
Awf
Meredith

College Tour

- CollegeTour *ui;
- display_colleges *displayColleges;
- login_screen *loginScreen;
- admin_window *admin;
- trip_planner *planTrip;

+CollegeTour(QWidget *parent = nullptr);
+~ *CollegeTour* ();
+on_displayCollegeButton_clicked()

+on_planYourTripButton_clicked
+ on_pushButton_2_clicked()

login_Screen

- Ui::login_screen *ui;
- admin_window *admin

+explicit
login_screeen=**nullptr**);

+~ login_sreen();

trip_planner

-QString op1
-Qstring op2
-QString op3
-QString custom
-bool checked

+ **bool** verifyName(**const** QString &omboBox);

+QSqlDatabase mydb;
explicit trip_planner(QWidget *parent = **nullptr**);
~trip_planner();

display_colleges

+ **explicit** display_colleges(QWidget *parent = **nullptr**);
~display_colleges();
+ QSqlDatabase mydb;

+ Ui::display_colleges *ui

admin window

-Ui::admin_window *ui
+explicit
+admin_window(QWidget *parent = **nullptr**)
+~admin_window()

planAlgorithm

tripPlaneer *
planTrip
+
collegeexists()
+ planExists()
+planAlgo()

edit_Universities

- Ui::edit_Souviniers *ui

+ addUni _clicked()
+ editUni _clicked()
+ deleteUni _clicked()
+ Static DBManager *instance();

tripProgress

- int totalDistance
- int totalPurchase
+ showTotalP()
+ showTotalD()
+buySouv()
+nextCollege()

DBManager

- QSqlQuery query

+ addSouv()
+ editSouv()
+ deleteSouv()
+ addUni()
+ editUni()
+ deleteUni()
+static DBManager *instance();

edit_Souviniers

- Ui::edit_Souviniers *ui

+ addSouv_clicked()
+ editSouv _clicked()
+ Static DBManager *instance();