**SQL**  
DB : TripTrackerApp

User : SA  
Password:TTflatiron!

**Schema**

**Procedures**

* spDoBackup – Creates a backup of the database at the following path C:\TripTrackerApp\backup\TripTrackerApp.BAK
* spImportData – Staging tables must be populated with the data to import before running this. This can be done by right clicking DB, selecting Tasks > Import Data. Choose spreadsheet for source, then choose ‘SQL Server Native Client’ for destination. Choose ‘edit mappings’ and change the table name, and select ‘Drop and re-create table’.  
  Parmeters : DoReg – Set to 1 to import registration data. This will clear all existing Students/Teachers before importing, DoTrips – Set to 1 to import trips, PerDate – If this is not set the current date will be used for imported trips. Must be passed in the following format ‘2016-08-20 16:06:23.013’.

Currently the school is set to ‘UNIHILL’ regardless of what is in spreadsheet. This was for testing purposes, and needs to be changed.

* spInitPeriods – This needs to be run every year before trips can be tracked.

spMakeEntry – ID, EntryDate (if left empty, current date will be used), TripType (1 Walk, 2 Bike, 3 Skate\Scoot, 4 School Bus, 5 RTD, 6 Carpool, 7 Car + Walk), EntryType (1 Daily, 2 Monthly), Trips (Used for monthly entry, otherwise default to 1), Distance (car + walk = entered distance, walk = distance from home, bike = distance from home)  
If student has already logged trip that day, it will be deleted. If max trips is exceeded, it will not be logged. Error will be returned if either of these situations occurs.

**Tables**

* RegistrationImport – Matches columns from spreadsheet Registration.xlsx
* TripImport - Matches columns from spreadsheet s Trips.xlsx
* Trips – TripType (1 Walk, 2 Bike, 3 Skate\Scoot, 4 School Bus, 5 RTD, 6 Carpool, 7 Car + Walk), EntryType (1 Daily, 2 Monthly), ID, EntryDate (), Trips, Distance
* Students – ID, FirstName, LastName, Teacher, Distance
* Teachers – FullName, School
* Periods – Period, MaxTrips, Year, Month (name of month), MonthNo (number of month in year)

**Views**

* vTripSum – Month, Year, TotalTrips, FullName, TripType (as text), Dollars (5 trips = 1, 12 miles = 1) SELECT \* FROM vTripSum ORDER BY ID, Year, Month, TripType DESC