SHOT Database System

**Pace University**

Capstone Project Team 6

Brenden O'Reilly

Geo Artemenko

Matthew Desimini

Peter Louis Gelsomino

Kenny Pescetto

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**I: Purpose**

* Objective: This project is to develop a web-enabled database to collect, edit, query and analyze police shootings.
* Why: Violence involving police shooting has taken the spotlight in the media in the United States.
* Currently, there is no national database for police shootings.

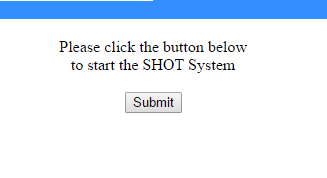
**II: Home Page**

* To initialize the SHOT System please visit the following link:

**~**[***https://vulcan.seidenberg.pace.edu/~f15-cs691-shot/html/SHOT\_System/app.html***](https://vulcan.seidenberg.pace.edu/~f15-cs691-shot/html/SHOT_System/app.html)

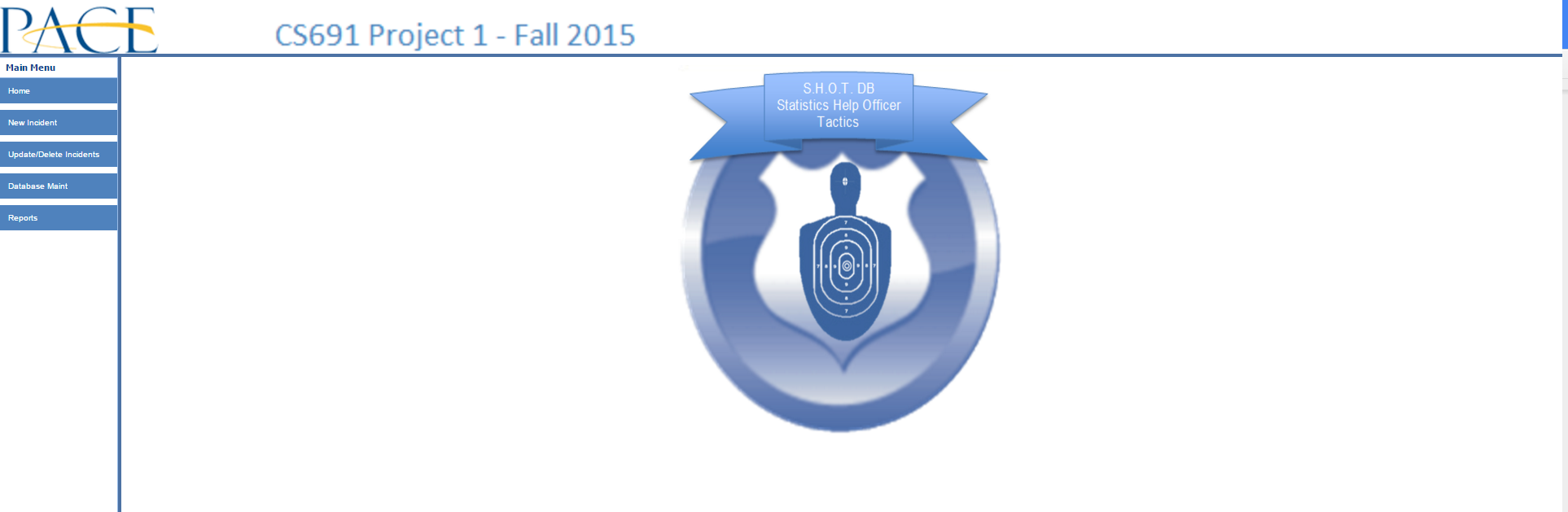
**III: Initializing the System**

* The following screen will appear, click submit to start.

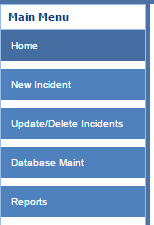


**IV: Menu Bar**

* You will see a screen that looks like the following:

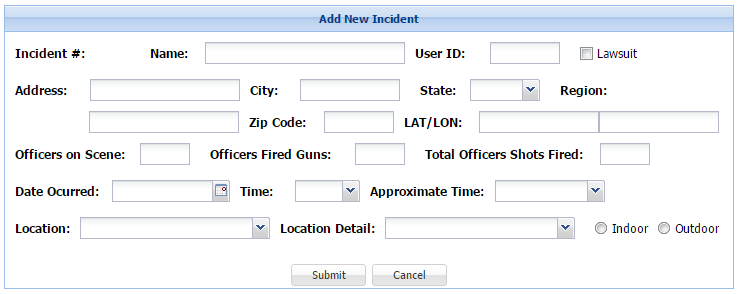


* Note the menu bar on the left hand panel.



* This serves as the main navigation window for the shot system.
* To use a feature simply click on the name.

**V: Creating an Incident**

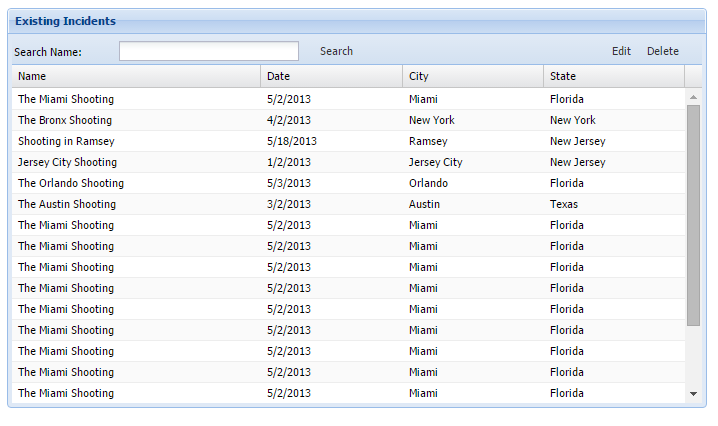


* To Create an incident fill out the following information in the appropriate box:
* Name of the incident.

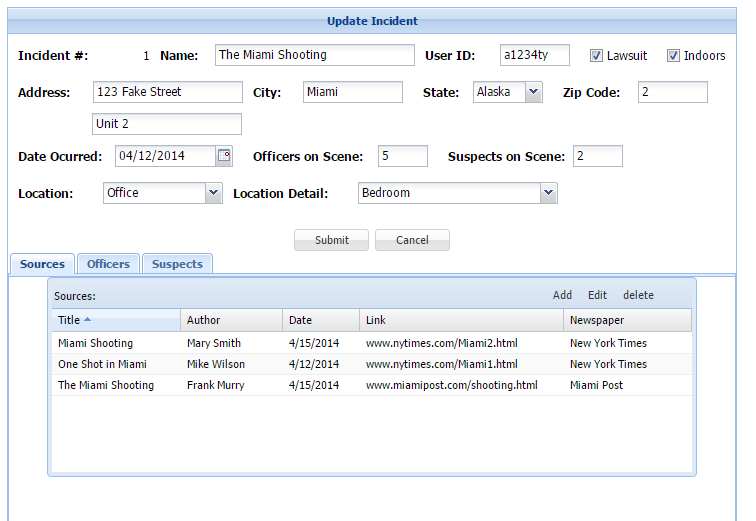
**Ex:** *The Miami Shooting*

* The user ID
* Check “lawsuit” box for lawsuits.
* The address of the person involved in the shooting.
* City, State and Zip Code of the person involved in the shooting.
* Latitude and Longitude can be used for non address shootings.
* The date of the incident.
* The total number of officers on scene.
* The total number of officers who fired weapons.
* The total number of shots fired by the police.
* The total number of suspects on scene.
* The location of the incident with further detail location.
* The indoor/ outdoor check boxes should be used.

**VI: Updating/ Deleting an Incident**



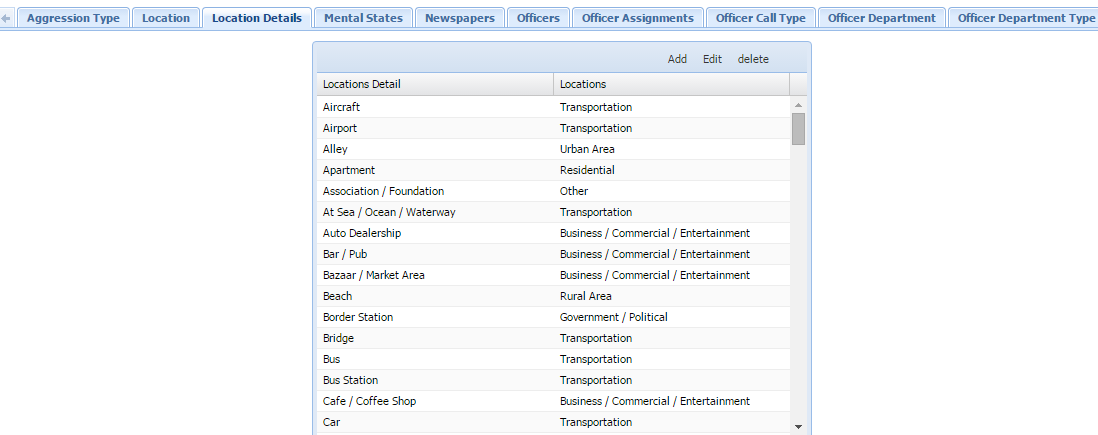
* To Edit and incident simply select the one you wish to edit and click the edit button. (Click the delete button for deletions)
* You will see a window that looks like the following. Correct whatever information and click “submit”.



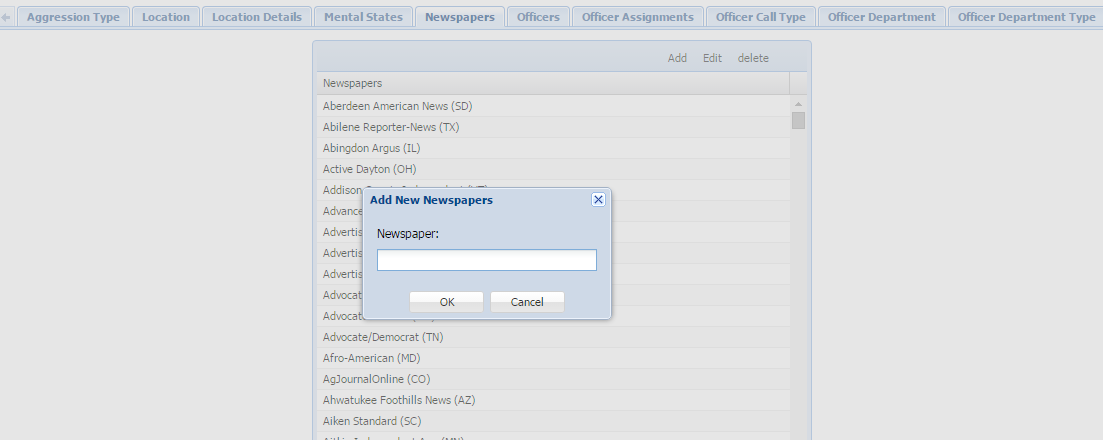
**VII: Database Maintenance**

This function allows a user to add, update or delete records from the supporting database tables, such as Mental States, Location, Newspapers etc… To access the Database Maintenance feature in the application, click on the Database maint button from the application left hand menu.

A tab for each supporting table will be displayed. The user must click on the tab corresponding to the supporting table that they wish to modify. After selecting the appropriate supporting table, the user can add a new record or edit or delete an existing record. Note: If a user attempts to delete a record from a supporting table that is currently being used in an incident then an error message will be displayed indicating that that record is currently used in another table. In this case the user would have to remove the record from the incident that it is being used before it can be deleted.



A screen shot of all the records in the Location Details table



A screenshot of a user adding a new Newspaper record.

**VIII: Database Reports**

* Coming Soon!

**XV: Environment**

The SHOT Database System can run in either Windows or Unix. The user interface and PHP scripts can run in Apache HTTP server, and the database must run in MYSQL server 5.0 or higher. Also the application can run in any modern browser, such as Internet Explorer, Chome or Firefox.

**X: Installation**

In order to install the user interface and PHP scripts onto the web server, please copy the SHOT\_System folder to under the root HTML folder of the Apache HTTP server and then start the Apache HTTP server.

**XI: Additional Information**

The user interface is written in EXTJS 4.1. This is a freely downloadable JavaScript API. A quick tutorial on EXTJS can be found at the following URL:

http://docs.sencha.com/extjs/4.1.3/#!/guide/getting\_started

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