SPRINT 5 REPORT

TO:	Dr. Jeff Mcgough
TEAM:	Team Two Cents
PROJECT:	Teen Court Database
SPRINT NUMBER:	Sprint 5
DATE OF SPRINT:	2/13/2013 – 3/13/2013

Sprint 5 was comprised of finishing the user and program admin areas left over from the last sprint and beginning work on the main area of the site. This included the defendant, workshop, volunteer, and court management portions. We wanted the main functionality to be complete but several items were left in the backlog. We also knew there would be some final design/architecture work to do in the final sprint, such as the reports section. This was going to be worked on while Bobby was testing. Unfortunately, we are still behind schedule by a few weeks.

WORK COMPLETED

As Andrew was finishing the program and user admin areas, Bobby started work on the Volunteer section. Andrew also finished some user areas. These areas were the user action/history logging functionality and profile page. This last section is where the user can manage their information, including password change and phone number list.

The defendant area is the largest and most complex of the entire site. Andrew worked on this section. The defendant is broken up into several areas – or tabs. Each tab required its own functionality and architecture. Along with the primary defendant information, the completed tabs were personal information, guardian/parent information, citation information and defendant intake. This was a majority of JQuery, datatables, and PHP class implementation. Several classes were created to handle citations, schools and locations. The way users select and add locations were redesigned to be used wherever a city/state/address is needed. This was done to reduce the amount of malformed, incorrect or duplicate information in the database. Some AJAX functionality was added in order to insert data into a table without refreshing the page. Originally, much more of the site was supposed to use this but due to time constraints, URL redirection is used in some cases.

Quite a few global functions were completed during this time. Bobby was having an issue where a user generated time string based on their time zone would get entered into the database. When this date-time field would be read from the database, it would be converted and adjusted to the user's time zone. The problem is the user generated time need to be converted to the

server time before inserting into the tables otherwise the date-time would be off. A global function was created to do that.

Bobby worked on the volunteer and workshop areas. This included adding functionality to the classes and the PHP/HTML implementation. These areas are much smaller than the defendant, so it was good place for him to practice the JQuery/PHP scripting.

MEETING SUMMARY

Andrew has the flu from 2/12/2013 to 2/14/2013 so no meetings were held during that time.

Meeting [02/19/2013]**:** Discuss which areas would be worked on and by whom and various global design concepts. Tasks were assigned via Trello.

Meeting [2/21/2013]: Discussed JQuery/AJAX/Datatable interaction concepts.

Meeting [2/26/2013]: Progress check, still behind schedule.

Meeting [2/28/2013]: No meeting held.

Spring Break [03/04/2013 - 03/09/2013]: Several emails conversations took place between Andrew and Robert and from Andrew and Marlene. This was mainly to give the client an update and get some clarification on a few items like defendant sentencing.

Meeting [3/12/2013]: Discussed user/database time issue. Andrew worked up a solution.

REMAINING BACKLOG

I know we were supposed to have the main functionality completed at this point, but several items remain from sprint 5's backlog. This includes an important portion of the site, the court administration area. This is where a court/trial is setup with defendants and volunteers. Other areas include defendant expungement and defendant sentencing. Some clarification was needed on the court sentencing so Marlene and Andrew had an email discussion regarding the functionality of this area. The expungement area closes or seals the dependent on the programs expunge type. Another main area we haven't gotten to is the Program Administrator's page. This is where the program admin can modify any data collected by the managers and other admins. This includes items such as locations, common areas, officer data, state statutes, schools, etc.

Along with testing, we expect to finish the main functionality and get to the program administrator area. We need to look at the report section also – this is where pdfs can be created for each defendant. The survey requirement was already cut and Marlene was informed of it. The statistics portion realistically isn't going to make the final sprint either. This is one area they really want done, but without a bunch of test data in the database, implementing this part is hard to do. Although this project may not a 100% complete, ready-to-go-live site at the end of sprint 6, we feel that the major functionality will be reached.