

PROJECT STATUS REPORT

Project: Tempe Municipal Court: Case Management System Development

Period Ended Date: 04/21/05 – 05/18/055

Project End Date: Fall 2006

Current Phase: Database Design/Complaint Entry (ATTC – paper)

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What was accomplished during this period that was scheduled to be completed?

- Work on the post-submit logic necessitated additional specification efforts affecting “down-stream” processing associated with *FC 07: Docketing and Calendar*. These efforts included drafts of the following Business Rules/Functional Specifications, which are currently under review:
 - BR/FS 07-0001 Case Docket Entry Creation and Maintenance (04/26/05)
 - BR/FS 07-0002 Case Balance Owing (04/26/05)
- Specification of post-submit business logic associated with FS04-0001 Complaint Entry including:
 - Further refinement of BR04-0006 Division Assignment and Appearance Scheduling (04/28/05)
 - Memorializing the filing of the case with a docket entry (04/28/05)
 - Scheduling the criminal arraignment by charge with related docket entry (04/28/05)
 - Memorializing by charge a civil arraignment No Later Than (NLT) date with a docket entry (04/28/05)
 - Memorializing the prosecutor assignment (if any) with a docket entry (04/28/05)
- Drafted the following Functional Specifications for *FC 06: Generalized Case/Party Search and Inquiry*, also under review:
 - FS 06-0001 Party/Case Complaint Search (05/06/05)
 - FS 06-0002 Party/Case Inquiry (04/27/05)
 - FS 06-0003 Case History Inquiry (04/27/05)
- Quentin Morris, a contract VB.NET programmer with significant SQL experience, was added to development team a few days earlier than originally anticipated. The programming resource will be assigned primarily to data migration for his initial four months (05/02/05).
- Conducted demonstration for court community of general User Set-up and Navigation Groups, ATTC entry (paper) and related functionality, data conversion tool, and

“wire frame” screen mock-up for *FC 06: Generalized Case/Party Search and Inquiry*. According to feed-back forms completed by participants, the overall response to the demonstration was positive. Most indicated that they liked what they saw and the general direction, with many appropriately noting that it is still relatively early in the development process (05/05/05).

- Lucky Kanwal, a VB.NET programmer with Visual Developer experience was added to the development team. Lucky is an AOC employee that has been working on the JOLTSAZ Project for several years. He has been on-site a few days a week since May 10, and will be assigned full-time to the Tempe CMS Development Project on May 31, after he completes work associated with the JOLTSAZ Project. Lucky will be able to contribute greatly to the development efforts.
- Barbara Todd, an AOC employee responsible for testing, is working on an “as-needed” basis with the Project. She began working on-site on May 10, 2005.
- Loaded requisite data to assess search engine possibilities (05/16/05).

What was accomplished during this period that was NOT scheduled to be completed?

Not applicable.

What was scheduled to be completed but not completed?

As mentioned in prior status reports, the *Visible Developer* has been working on ATTC Entry (paper), but made progress at a slower pace than originally projected. Additionally, a defect/error list has been compiled that needs resolution. There are 22 post-submit processes requiring specification; of which 15 processes have been documented. *Visible Developer* has coded approximately 10 of the post-submit processes; but this work still requires further testing.

What is now scheduled to be completed during the next reporting period?

- Documentation of Requirements for Calendaring (Expected Completion: 05/27/05).
- Develop Generalized Case/Party Search GUI (FC 06). This would be a screen that would not be fully functional until assessments regarding technical strategies below were complete. (Expected Completion for screen: 05/31/05)
- Modification and Enhancement of Physical Data Model. Database changes would include a realignment of char (1) designators to Boolean; Data Type changes to attributes in multiple tables, the specification of a City “look up” table for address entry; and the development of a “legal role” strategy to assist in processing, notification and form generation related to legal entities like police, attorneys, etc. (Expected Completion: 06/08/05)

- Customization of User Set-up and Navigation Groups for *FC 01: Application Users and Navigation Groups*. This work delayed pending the return of a supervisor from medical leave. She is assigned to this area as a subject (assigned as assigned to this area as a Subject Matter Expert (SME). The Senior Programmer is working with the SME to create basic structure (Expected Completion: on or before 06/13/05).
- System Architect, William Earl, to assess and recommend technical strategies for search and inquiry using either a third-party engine, like Omnidex (currently used by TMC on its Legacy application) or InfoSearch (developed as part of the now defunct Maricopa County Court Financial System effort). This effort is meant to address potential latency concerns (Expected Completion: 06/22/05)
- Continued refinement of Data Migration Tool that will utilize a Migration Table with certain attributes to migrate information from the Legacy application to the CMS Development/SQL environment. This tool is reusable and could be used to migrate data in other jurisdictions in the future. This work will be ongoing throughout the Project.
- Continued creation of forms and notices, using Crystal Reports v. 10, that will be ultimately mapped to the database after they have been finalized and translated from English to Spanish. This will occur throughout the coming months.
- On-going testing of GUI builds associated with *FC 04: Complaint Entry* and *FC 06: Generalized Case/Party Search and Inquiry*.
- Establishment of users and protocols utilizing *Test Director*, an AOC-licensed product that the development team will access on a limited basis for the foreseeable future.

Project Issues/Risks:

The Project is about 120 days behind the original plan. *Visible Developer* work and completion of *FC 04: Complaint Entry* has taken much longer than anticipated. A defect/error list has been generated that must be completed. The development team has evaluated the cause of the delay in an effort to rectify the situation and improve progress. It is clear, that the Project must become less dependent on the *Visible Developer* (consultant). This should occur with the addition of a VB/VD programmer resource, who will be working on the Search and Inquiry GUI.

In time, other programmer resources assigned primarily to areas like migration should be able to use the *Visible Developer* tool to write the application as they are freed of existing responsibilities and acquire requisite skills.

Additionally, future engagements with *Visible Developer* will employ more stringent expectations regarding tasks to be performed in a specified time (deadline) and costs

associated with completion of those tasks, including error/defect handling. This will require more significant management of their efforts and an increased need for negotiated outcomes that are agreed upon in advance of any work. It is clear that the consultant will be needed throughout the project duration, especially when the tasks are more complex or there are programmer resource-loading constraints within the project team.

A more detailed project plan that focuses on the next four months of development coupled with accountability efforts should significantly and positively impact more immediate deliverables.