

PROJECT STATUS REPORT

Project: Tempe Municipal Court: Case Management System Development

Period Ended Date: 05/19/05 – 06/23/05

Project End Date: Fall 2006

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

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

- Continued work on post-submit business logic associated with *FS 04-0001 Complaint Entry*. This is significant as these specifications drive processes associated with case submission (creation). The specifications also address areas within *FC 07: Docketing and Calendaring*.
- Modified and enhanced Physical Data Model. Database changes 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.
- Approved Functional Specifications for *FC 06: Generalized Case/Party Search and Inquiry*.
- Developed and coded *FC 06: Generalized Case/Party Search and Inquiry*.
Note: System Architect assessing technical strategies to determine alternative search engine, should search and inquiry performance be deemed to be too slow. At this point third party engines like *Omnidex* which is used in the Court’s Legacy application is still under development for a .NET environment and *Google* or similar engine has been deemed too costly from a licensing perspective. The only identified possible solution is *InfoSearch*. This was developed during Maricopa County’s CFS Project and has not been tested. Presently, performance in the CMS development environment has not been a concern, but more data will need to be added to ensure proper load testing.
- Testing of *FC 06: Generalized Case Party Search* underway.
- Completed Party Maintenance Business Requirements associated with *FC 05: Person Information Maintenance*. A walkthrough of the requirements for TMC approval will occur in late June/early July 2005.
- Continued development and enhancement of Data Migration Tool, initially demonstrated on May 5, 2005. This tool utilizes a Migration Table with certain attributes to migrate information from the Legacy application to the CMS

Development/SQL environment. This tool is can be used to migrate data in other jurisdictions as well. Work will be ongoing throughout the Project.

- Finalized customization strategy for User Set-up and Navigation Groups associated with *FC 01: Application Users and Navigation Groups*. This strategy will be employed when adding navigational trees.
- Documented requirements for *FC 23: Calendaring*, which require TMC review/approval.

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

Not applicable.

What was scheduled to be completed but not completed?

Programming continues on the GUI for *FC 04: Complaint Entry*, as the result of error/defects identified in testing. Such occurrences are not unusual in a project like this, especially given the complexity of this particular data entry screen. It is becoming increasingly important to complete this work so that other complaint entry types (i.e. Prisoner in Custody, Photo Enforcement, Animal, Parking, etc.) can be cloned/modified off of this perfected screen. This also has implications for the post-submit work as that follows case creation.

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

- Completion of Post-Submit specifications and 22 associated functional requirements.
- Walkthrough/approval of Party Maintenance Business Requirements

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.