RESEARCH PROJECT DESCRIPTION

PROJECT NUMBER: 02418

PROJECT TITLE: LETS Design and Development – Phase 2

PRINCIPAL INVESTIGATORS:
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PROJECT OBJECTIVE:
This project is a continuation of a long-term project to develop new ways to produce and deliver criminal justice information as directly to the point of use as possible. The project is being conducted for the Southwest Alabama Integrated Criminal Justice System (SAICS). Phase 1 developed the mechanism to deliver four modules of information (driver demographic, revenue tags, driver history, and driver picture) from existing files to the criminal justice community.

PROJECT ABSTRACT:
SAICS serves eight counties that encompass the five Judicial Circuits of Southwest Alabama, and interacts with local, state and federal agencies within those counties. A long-term project is
being conducted to develop innovative ways to use existing data, to extend that data to new users in real time, to increase data visibility and use, to eliminate data redundancy, and to protect the security and integrity of the data.

The initial phase of the project outlined a methodology that used existing data files, a centralized index, and rapid prototyping to deliver as much information to users as possible. It also would enable users to provide feedback on desired improvements that could be incorporated into future stages of development. The phase 2 activity will extend phase 1 to six additional sources of data. In addition, it will incorporate a limited “systems approach” in the design of the modules, so that they will be compatible, to the extent possible, with a larger future application.

PROJECT TASK DESCRIPTIONS:
1. Determine priority of additional modules
2. Perform training and roll out of Phase 1 modules
3. Obtain user input and refine priorities for additional modules
4. To produce module 1:
   a) Perform requirements analysis
   b) Perform design
   c) Perform development
   d) Perform training and roll out
5. Repeat steps a) through d) for module 2
6. Repeat steps a) through d) for module 3
7. Repeat steps a) through d) for module 4
8. Repeat steps a) through d) for module 5
9. Repeat steps a) through d) for module 6
10. Develop a plan for phase 3 of project

MILESTONES AND DATES:
• Tasks 1 & 2: Jul 1 – Jul 15, 2002
• Task 3: Jul 1– Jul 29
• Task 4: Jul – Sep 15
• Task 5: Jul 29 – Nov 1
• Task 6: Sep 2 – Oct 18
• Task 7: Oct 7 – Feb 14, 2003
• Task 8: Nov 25 – Apr 4
• Task 9: Jan 13 – Jun 13
• May 1 – June 30, 2003

TOTAL BUDGET:
One-year project: Administrative Office of Courts $313,067.

STUDENT INVOLVEMENT:
No students will be involved in the project.

RELATIONSHIP TO OTHER RESEARCH PROJECTS:
This project is a continuation and the LETS Phase 1 project.
TECHNOLOGY TRANSFER ACTIVITIES:
The only technology transfer component of this project will be the training involved in rolling out the individual modules.

POTENTIAL BENEFITS OF THE PROJECT:
This project offers incremental improvements to the capabilities of the criminal justice system, in that all team members (officers on the roadside, judges, administrators, etc.) will have immediate access to existing data and can make more-appropriate and more-timely determinations as to suitable actions.

TRB KEYWORDS:
Criminal justice, information systems, optimization, information mining