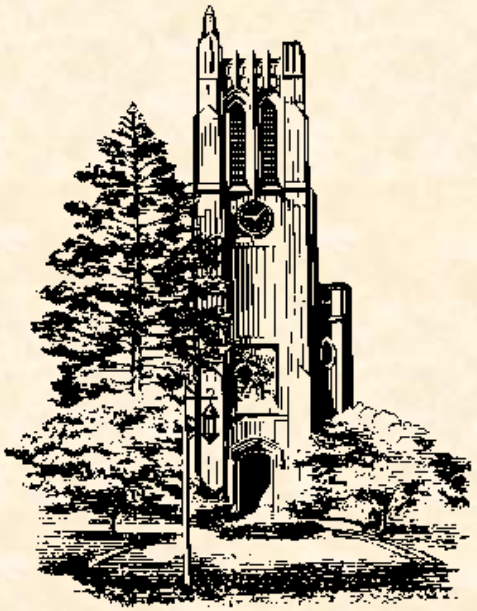
MICHIGAN STATE UNIVERSITY

Technical Specification / Schedule
Safety*NET*



Team 2: Ford

CSE 498, Collaborative Design

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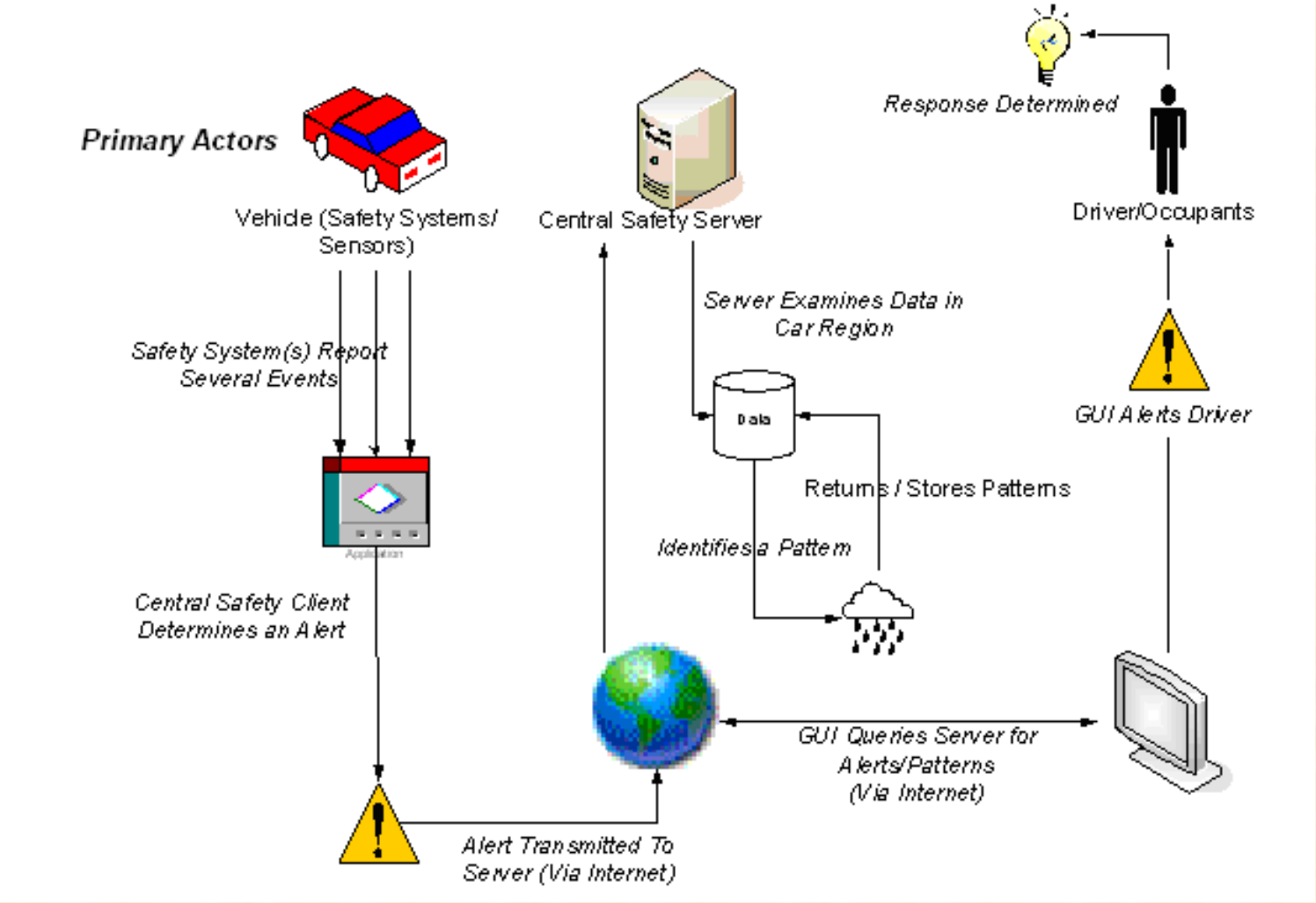
Fall 2007

Project Overview

- Current/Past Automotive Safety Systems
- Statement of Problem
  - Partial Integration
  - Restricted Focus
- Proposed Solution
  - Project Assumptions / Scope
  - System Overview

Architecture Illustrated



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Functional Specifications

- Central Safety Client
  - Test Harness
  - Generate Alerts
- Central Safety Server
  - Receive Alerts
  - Store Alerts
  - Disseminate Alerts
- GUI
  - Map Display
  - User Preferences

System Components

Software Platforms / Technologies

- Visual C++
  - MFC
- Server Side Scripting
  - PHP
- Database
  - MySql
- XHTML / CSS
- Google Maps / Javascript

Risks

- Defining what constitutes specific alerts
- XML-RPC
- Scalability
- Learning Google Maps API and Javascript
- Communication between the client, server, and GUI

Project Schedule

1. Begin Prototyping
   a) Goal: Start coding each component
   b) Date: 9/17
2. Research Completion
   a) Goal: finish research in risk areas
   b) Date: 9/24
3. Prototype Completion
   a) Goal: Provide initial prototype
   b) Date: 10/8
4. Beta Version Completion
   a) Goal: Provide Beta Version
   b) Date: 10/29

Project Schedule

5. Final Version Completion
   a) Goal: Provide finished project
   b) Date: 11/16
6. Project Video Completion
   a) Goal: Finish project video presentation
   b) Date: 12/3
7. Documentation Completion
   a) Goal: Supply final documentation
   b) Date: 12/7