

Phase I Action Items
Organizational Alert System

For
CS 895 MSE Project
Department of Computer Science
Kansas State University

Submitted to
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Submitted by

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The following are action items identified during the phase I presentation to the Project Committee.

1. **Mitigate scheduling risk** - Time and scheduling was identified as a risk to project completion. I need a plan to mitigate the risk of delays due to the differences between the amount of time required by the project and the amount of time I can afford to devote to it.
2. **Develop an architecture documentation plan** - At the time of the presentation I didn't have a plan for which types of documentation to include. Suggestions included an activity diagram and a verification modeling language such as SPIN.
3. **Formally specify requirements** - At the time of the presentation requirements have only been loosely specified.
4. **Architecture changes** - It was suggested that I use a RESTful API instead of a continuous connection. I later requested to use an Apache web server on a Raspberry PI micro-computer. It's my belief that a web server is one of the most popular ways to implement a REST API, and a Raspberry PI will allow me to maintain the turn-key requirement of the project. This change was approved by Dr. Neilsen.