Staffing

Version 2.1

CS410 Red Team
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Resources

Organization by phase

Phase 0

Project Manager
Alexander Caulkins

Finance and Documentation
Brian Terrible

Marketing and Support
David Harris

Hardware
Matthew Crainer

Software
Patrick Bourque

Phase 1

Project Manager
Alexander Caulkins

Finance and Documentation
Brian Terrible

Marketing and Support
David Harris

Hardware
Matthew Crainer

Software
Patrick Bourque

Cluster Expert
Jay Morris

AI Expert
Dennis Ray

DB Expert
Irwin Levinstein
**Cluster Expert**
Description: Consultant for setting up and running Beowulf cluster systems. Advises on current best practices and assists in set-up and design of a custom Beowulf cluster. This person will work closely with the Network/IT person assigned to our Beowulf cluster. Required for this position is an extensive knowledge of all aspects of a Beowulf cluster system, and at least 5 years experience in this field.

Cost: $86,000.00/yr

Duration: Start = Tue 4/1/08  End = Wed 5/7/08

**AI Expert**
Description: Consultant for developing our AI (Artificial Intelligence) system. Advises on current best practices and assists with design and implementation of our AI system. This person will work closely with the software engineer as well as our Prolog programmer. Required for this position is extensive theoretical and practical knowledge of AI systems, and at least 5 years experience in this field.

Cost: $81,000.00/yr

Duration: Start = Mon 3/10/08  End = Thu 8/14/08

**DB Expert**
Description: Consultant who advises us on our database-related issues. This person will advise us on current best practices and assist with design and implementation of our database system, and will work closely with our software engineer and database administrator. Required for this position is an extensive theoretical and practical knowledge of database systems, and at least 5 years experience in this field.

Cost: $84,000.00/yr

Duration: Start = Tue 4/1/08  End = Wed 5/7/08

**Front & Back end Managers**
Description: Will help build the rule set for the AI and advise how to accurately model a restaurant. Prior experience with AI is not a requirement for this position. Will work closely
with our AI expert, software engineer, and Prolog programmer. Required for this position is at least 5 years working as a front end or back end manager in the restaurant industry.

Cost: $30,000.00/yr to $32,000.00/yr

Duration: Start = Wed 10/1/08          End = Mon 12/1/08

**HR Rep**
Description: Will be responsible for the hiring and payroll of the employees. Required is a bachelor’s degree or higher in business or a related field, and prior experience is highly recommended.

Cost: $33,000.00/yr

Duration: Start = Fri 6/20/08   End = Wed 7/9/08

**Sales Account Manager**
Description: Provides direct one on one contact with the restaurants. Works closely with our team to understand our product, what it does, and what its benefits are. Previous sales experience is required.

Cost: $62,000.00/yr

Duration: Start = Thu 8/21/08   End = Wed 2/4/09

**Network IT**
Description: Will be responsible for maintaining the AI cluster, and assisting with set up and implementation. This person will work closely with our AI expert as well as any individuals in our organization utilizing the cluster. At least 2 year’s experience with Beowulf clusters is required for this position.

Cost: $74,000.00/yr

Duration: Start = Thu 8/21/08   End = Mon 9/29/08

**Database Administrator**
Description: Designs and creates the Database, and works closely with our software engineers as well as our database expert. At least 2 year’s experience in database administration is required.
Software Engineer
Description: Designs the software interface and overall flow to the software. Required is a bachelor’s degree or higher in computer science or a related field. This person will work closely with our programming team, software tester, and technical writer as well as our team of experts to design our software.

Cost: $40,000.00/yr
Duration: Start = Thu 8/21/08   End = Thu 5/7/09

Software Tester
Description: Will test for bugs and work closely with programmers to resolve any issues. A bachelor’s degree or higher in Computer Science or a related field is required.

Cost: $76,000.00/yr
Duration: Start = Thu 8/21/08   End = Thu 10/30/08

Programmers
Description: We will need one Prolog (AI) and one C++ (everything else). Will assist with implementation of our solution and work closely with our software engineers and testers to make sure our product is the best it can be. A bachelor’s degree or higher in computer science or a related field is required.

Cost: $56,000.00/yr to $67,000.00/yr
Duration: Start = Tue 4/1/08   End = Wed 5/7/08

Technical Writer
Description: Writes user manuals and other documents for the project. A bachelor’s degree or higher in English or a related field as well as experience doing technical writing is required.

Cost: $53,000.00/yr
Duration: Start = Tue 6/9/09   End = Tue 8/18/09
**Corporate Lawyer**  
Description: Will advise us on legal matters. Specialty should be business law.  
Cost: $116,000.00/yr  
Duration: Start = Wed 5/20/09   End = Thu 8/27/09

**TV Production**  
Description: Will design our TV advertisement.  
Cost: $1,000.00  
Duration: Start = Thu 10/1/09   End = Wed 11/18/09

**Phone Tech**  
Description: Will set up telecom network in office. Prior experience with designing, implementing, and setting up phone networks is required.  
Cost: $37,000.00/yr  
Duration: Start = Mon 5/11/09   Ends = Mon 6/8/09

**Assembly Worker**  
Description: Will assemble and box the final product for shipment.  
Cost: $29,000.00/yr  
Duration: Start = Thu 8/20/09   End = Thu 9/17/09