TEXAS A&M UNIVERSITY
CPSC 483: COMPUTER SYSTEM DESIGN
Fall 2008

STUDENT QUESTIONNAIRE

YOUR NAME:_____

This questionnaire is being distributed to help us learn more about your interests, academic strengths and experiences. The information you provide will assist us in assigning you to the appropriate project.

QUESTION 1

The last page of this handout lists a number of Computer Engineering/Science specialties. Please select the top three areas that best describe your INTERESTS.

- My first choice is _____
- My second choice is _____
- My third choice is _____

QUESTION 2

List the top three courses that you have enjoyed the most during your undergraduate studies.

- The best course was _____
- The second course was _____
- The third course was _____

QUESTION 3

Please specify the semester and year in which you took CPSC 462.

QUESTION 4

Describe your STRENGTHS. For example, would you describe yourself as a software person, a hardware person, or both? Are you better at creating, analyzing or implementing solutions? Are you a bottom-up or a top-down person?

QUESTION 5

Describe any hands-on SKILLS (e.g., programming languages, software packages, design tools) that would make you attractive to a potential employer.

QUESTION 6

Describe any EXPERIENCES (e.g., internships, co-ops, undergraduate research, and general employment) that may complement your academic credentials.

QUESTION 7

Describe any additional QUALIFICATIONS or CONSTRAINTS that you think should be considered when assigning you to a particular project. Do you have any additional background outside of the Computer Engineering curriculum?

QUESTION 8

Please review the list of projects available this semester and rank the four projects that would be of most interest to you. In choosing a project, take into consideration both your interests and your background. NOTE: We will do our best to meet your preferences, but some students may not get their first (or even second or third...) choice since we also need to balance the teams.

- My first choice is _____
- My second choice is _____
- My third choice is _____
- My fourth choice is _____

QUESTION 9

One of the members of each team will act as the leader. In addition to performing technical tasks, the leader has additional responsibilities, which include scheduling team building activities, facilitating discussions and brainstorming sessions, helping resolve conflicts, monitoring progress (both individual and group), milestones, and ensuring equal distribution of workload across team members. Would you like to be considered for a leadership role in your team? If so, why? If not, why not?

QUESTION 10

You'll be probing the job market pretty soon, if you have not started already. For this reason, your first assignment in this class will be to prepare a RESUME and hand it to us within the next two days. Your goal is to prepare a strong and impressive resume to convince us (think of us as the prospective employer) that you should be assigned to one of your preferred projects.

Areas of Interest

TH	Theory, parallel algorithms, algorithms, combinatorics, optimization, cryptography, theoretical computer science
Chi+	Human computer interaction, multimedia, cognitive modeling, hyper/multi media/text, digital libraries
CSys	Computer systems, computer architecture, resilient CSys, fault tolerance, VLSI
NetDis	Networks, communications, distributed systems/computing, computer communication, distributed/concurrent systems, telecommunications, high speed network, scalable infrastructure, security, cryptography
W/I	Web, Internet, XML, HTML, e-commerce
RT	Real-time systems, embedded computers/systems
OS	Operating systems, remote computing, cooperating processes
SW	Software engineering, software, distributed agents, intelligent agents, object oriented model design, formal methods, software metrics
CmplLang	Compilers (often parallel), language design
DB	Database, distributed DB, DB management systems, OODB, information systems
IS/R	Information storage and retrieval, data mining
AI/ap	Artificial intelligence, neural nets, fuzzy logic, machine learning, intelligent agents, virtual reality, data mining
CSE	Computational science/engineering, computational mathematics, numerical analysis/computing, scientific computing, simulation, high performance computing
Gr/Viz	Computer vision, image processing, imaging, graphics
Rob	Manufacturing automation, robotics, industrial automation, sensors
Other	Any other specialties not included in this list (please specify)