CS 495
Homework 2: Capstones

Name _____

Due: Friday, February 5 by 7pm. Submit via Blackboard.

Find the *one* choice among the following categories that best describes the current state of your capstone, and indicate your choice with a checkmark. Then, follow the instructions associated with that choice. All documents must look professional.

Log onto the online capstone system and confirm that all your information is correct, whether you have a proposal or not.

☐ **A. I have already undertaken and completed my capstone project experience.**

Prepare the first two slides of your capstone presentation. The first slide should be the title slide of your talk. The second slide should include the following information:

- dates of the experience

- capstone type

- company or organization, if applicable

- experience supervisor of the project

- CS faculty mentor

- concise description of the experience

Then, provide an outline of the remainder of your presentation, indicating approximately how many slides you will have and the topic of each.

Submit the above, along with a screenshot of the online capstone system home page that shows your status as pre-approved (or completed).

☐ **B. I have pre-approval for a capstone experience, but have not yet completed the experience.**

Prepare the first two slides of your capstone presentation. The first slide should be the title slide of your talk. The second slide should include the following information:

- dates of the experience

- capstone type

- company or organization, if applicable

- experience supervisor of the project

- CS faculty mentor

- concise description of the experience

Then, provide an outline of the remainder of your presentation as you assume it will go, laying out the order of the topics you expect to discuss.

Submit the above, along with a screenshot of the online capstone system home page that shows your status as pre-approved.

☐ **C. My capstone project will be an internship or co-op, or an organized REU-type research experience, but I do not yet have an agreement with an organization.**

Go online and find an internship or co-operative solicitation with a company or organization such as: AT&T, Boeing, CarFax, Cerner, Google, Amazon, Enterprise Rent-A-Car, Greenpeace, Bayer, NASA, the Principal Financial Group, Space-X, Edward Jones, or the IRS, or find an REU-type research solicitation from a university or governmental research agency such as Oak Ridge National Labs or Mizzou. Make sure that the position would be an appropriate experience for a computer science capstone. For an REU, you may have to use information from last summer.

Create and submit a document containing this information:

- the name of company or organization

- a description of the experience or responsibilities (copied from the website)

- the required background of the applicant: education and major, relevant personal characteristics (specific citizenship, residence, etc.) and special skills required and or desired

- address for submitting applications, or website URL if submission is done on-line

- a screenshot of your online capstone system profile page showing that your information is up-to-date and correct

☐ **D. My capstone project will be an individual research project, a personal software development project, an on-campus software project, or some other project, but I do not have pre-approval for my project.**

Find a member of the Truman faculty or staff who could oversee a research project, a personal software development project, an on-campus software development project, or another appropriate project that could serve as a computer science capstone. Create an abstract for the project.

Note: you do not have to get the faculty member to agree to supervise your research project; the faculty member must only agree that the abstract is a description of a reasonable project that could potentially become a capstone.

Submit the abstract, along with a description of your conversation with the faculty/staff member, and a screenshot of the capstone system pre-approval page describing your project.