

# CSE5/7319- Software Architecture and Design

## Project Proposal Guideline

### (3 Points)

*On Campus Due Date: 11:59pm on March 14, 2016*

*Off Campus Due Date: 11:59pm on March 14, 2016*

#### **This is an individual project.**

Maximum ten pages (Times 11 point Fonts and Single Line Space) describing who, what, how, why, how much you plan to do on this project)

**Submission:** Upload both PDF and Word documents onto Canvas via “Project Proposal” submission link by the indicated due date and time. Grading is based on the PDF file. If needed, we might need to check your Word file.

#### **Project Title:**

[This will be used to identify your team during presentation. Keep it as short as a few words.]

#### **Your Information:**

1. First Name \_\_\_\_\_ Last Name \_\_\_\_\_ On Campus or Off Campus \_\_\_\_\_

#### **Project Overview:**

1. Describe the main functions of your software system.
2. Describe the expected outputs or results of your software system.
3. Prototyping Interfaces:  
[Give snapshots of your project prototype. By the time you submit this proposal, you should have some static prototyping interfaces to demonstrate your project. Keep your interfaces simple and intuitive.]

Note that you probably want to put 1, 2 and 3 together to show each prototyping interface in parallel with the textual description of each function, the outputs/results of your software system.

#### **Project Design:**

1. Select two different architecture styles to design and implement your project. Please provide the rationale of your selection.
2. Architecture Diagrams:  
[Draw two high-level architecture diagrams of your system, one for each architecture design, showing the components and connectors in each archi.]

#### **Project Implementation Plan:**

[Explain the platform you will use to implement you system, e.g., Sun Java, Eclipse, Microsoft J++, C, C++, C#, Xcode, ...]