<u>CS4900 Capstone Project Proposal Document</u>

The purpose of this document is to outline, with as much detail as possible, critical aspects of your capstone project, the technologies involved and a timeline. You will fill this template completely and turn it in to me via email: rpmihail@valdosta.edu before February 4th.

<u>Group Members and Group Number:</u> _____

<u>Project Title:</u> _____

<u>Project Executive Summary:</u>
Please describe the project in a paragraph or less, what is new/cool and why it's worth doing. Do not use "because my professor requires it" or "because I'm learning a lot". Be thoughtful about this summary.

<u>Problem Definition:</u>
What is the problem that you are addressing?
Who is the end user, and what is the end user profile?
What is the target market?
Who is the organization?

<u>Proposed Solution:</u>
What is the significance of this project?
What is the proposed solution or approach?
How do you propose to complete your project (It is important to explain how you propose to complete your project)?
What tools and/or methodology (e.g., ThreeJS, Javascript, CSS, Blender, etc.) will be used to design, implement, and deliver the proposed solution?
What type of resources (e.g., software, hardware, virtualization techniques, etc.) will you need to complete your project?
Briefly describe the schedule of activities you will engage in to complete your project.
As appropriate, include a budget with projected expenses and their importance to the project.

<u>Timeline:</u>
Since you are at the end of your undergraduate career, your experience should be insightful when creating a timeline for completing the project. Outline, with as much detail as possible, a timeline with action items and deliverables.

<u>Reflection:</u>
Why does this proposal qualify as a capstone project?
What technologies and methodologies does your capstone proposal incorporate that demonstrate your learning experience?
Are there any new technologies that will be utilized?
How will your project further knowledge, understanding, or increase your skills in your discipline?