CSI 201 Project

Software Proposal Rubric

This proposal option is for writing a software final project. The idea is that you will invent an interesting software topic and hack away at it to produce code. Your final project will incorporate the use of vectors, functions, functions using vectors and more. I recommend this option if you are feeling comfortable with writing code and are ready to tackle a larger project of your own design (or that mimics something interesting you've experienced in some way). Likely you will need to install or find an online interactive shell to be productive in your development for this project. Be sure to fully articulate the points for your proposal listed in the rubric on the next page. Use bullet points! Your second hand in will be a one page check-in that describes work completed and left to be done. It will be your job to incorporate any additional pieces that are listed in response to that check-in.

Assessment Item	Description			Out of	Score
	Satisfactory	Marginal	Unsatisfactory		
Project Summary	The project is communicated clearly and concisely. A sample walkthrough describes how a user will use, operate and/or interact with the program.	The description is incomplete, or some large pieces are not considered in any detail.	The description is unclear. The reader can't be sure what project is actually being proposed.	**5**	
Planning	There is an itemized list of pieces that will need to be written and an assessment of what is required.	The list is unclear or incomplete.	Only a cursory effort has been made at planning for this project.	**5**	
Challenges	The proposal identifies the key technical challenges that could hold up the project, or justifies why no such challenges exist.	The student may not appreciate the practical difficulties of coding the project. They will likely face unplanned-for challenges.	The proposal does not demonstrate any consideration of how the project will be implemented in code.	**5**	
Functions and Vectors	The proposal describes in detail at least one use of a function that is modular in scope and assists the project. The proposal also describes the use of a vector and how it assists the project.	The proposal does not fully describe a function or vector or it is unclear how the function is modular in scope or how the vector assists the project	Functions or Vectors are not mentioned in the proposal or are grossly misunderstood in the proposal.	**5**	
Format	The proposal is no longer than 500 words.		The proposal is grossly over length.	**(loss of points)**	

Note: This assignment will be graded out of 20 points. It will correspond to roughly 10% of your final project grade.