CSSE 371: Software Requirements Engineering

Project Milestone M0: Initial Project Idea
Due: 11:55 PM September 4th, M0 Drop Box in Moodle

Introduction

As mentioned in class, we will be following the lean startup methodology in CSSE 371. Student teams will be tasked with refining a startup idea with feedback from stakeholders and developing a series of Minimum Viable Products (MVP's) in a series of scrum sprints. At the end of the quarter, the teams will have implemented the core features of the system and produced a vision canvas and business model canvas as mandated by the lean startup process.

Content

In Milestone 0, each student or a team of two students will propose their initial idea. We will be gathering ideas from the entire class. This proposal must include the following:

1. Project title
2. Name(s) of student(s) proposing the project
3. Two paragraphs describing the functionality (preliminary idea) of the software that is being proposed and either the problem that is being resolved by the software or the opportunity that is being addressed by the software solution.
4. A paragraph or two identifying how the problem is currently being addressed (if at all) and how your idea will be better than the current approach.
5. A preliminary identification of end-users of said software and other people who might be affected (stakeholders) by the software.

Grading Rubric

1. Project title (1 Point)
2. Name(s) of student(s) proposing the project (1 Point)
3. Features/Problem/Opportunity
   a. Software functionality is clearly articulated (6 Points)
   b. Problem that is being resolved/opportunity that is being addressed (6 Points)
4. Current solution
   a. Current Solution is identified (2 Points)
   b. Description of advantages of proposal over current solution (2 Points)
5. End-user/Stakeholder
   a. End users of software are identified/described (4)
   b. Stakeholders of software are identified/described (4)
6. Grammar (2 Points)
7. Professionalism – Can document be shared with an external audience? (2 Points)

Submission:

Please turn in a .pdf file to the M0 drop box in Moodle by 11:55 PM on Friday, September 4th.