

CS399 Project

I. Objective

- a. Identify a real-world need or problem that can be resolved or corrected by an entirely cloud based system.
- b. The need or problem can be a business, government, educational, non-profit, social enterprise, scientific, political, or medical.
- c. The solution can be an IaaS, PaaS, or SaaS, or any combination thereof.

II. Proposal

- a. Write a proposal for the project that clearly states:
 - i. Members of the team and team name
 - ii. Detailed description of a real-world need or problem and how the project will attempt to address or solve the need or problem (this is due Wednesday of week 2)
 - iii. Type and nature of the cloud solution
 - iv. Methodology and resources to complete the project.
 - v. Expected outcome and results.

III. Rules

- a. The solution project must be approved by the instructor.
- b. The solution cannot be frivolous and must address a current or future need, problem, situation, or condition.
- c. The class will form teams of 2-3 students and inform the instructor of the makeup of the teams by the start of week two (2) along with a proposal for the project.
- d. The teams will file progress reports at the end of every week.
- e. All work must be original. Students may assist other students not on their team, but may not copy or share code, contents, or technologies.
- f. All work must correctly cite references and sources of any 3rd party resources including open-source applications.

IV. Resources

- a. Although we will be researching different providers, a cloud provider has been selected and user accounts are pre-configured using each student's first initial and last name.
- b. We will use lectures and in-class time for students to work on their projects.

V. Presentation

- a. This class will not have a final exam.
- b. In the last week of class, the teams will give an 8-10 minute presentation describing the project, how the project was developed, what the project solves or addresses, and a demonstration or the finished project.
- c. Students will submit a written critique of the other team's projects and presentation during the final week.