

# **CSC 426 Design Project**

Proposal Due: Friday February 14

Project Due: Wednesday February 26 (evening)

Presentation Dates: Finals Block and tentatively Thursday February 27

The design project is a chance for you to show what you have learned in the course through creating a product that you research, design, implement and then present to the class. For this project I strongly encourage working in a small group, but individual submissions will be accepted. Groups larger than 3 students are not permitted.

Your project may be anything developed for the Android platform (simulation, application, game, data visualization, etc.) so long as it demonstrates a proficiency in the material covered in the class. Your grade will be based on marks from the instructor, other students in the class and the other members in your group. The “degree of difficulty” will be considered when grading.

## Grade Composition:

- 10% Project Proposal
- 60% Instructor assessment of finished product
- 10% Self-assessment and team assessment - (grade yourself and your team members based on effort put forth)
- 10% Peer Assessment – Each student will assess at least one other project
- 10% Presentation – The grade here is based upon the clarity and organization of the presentation as well as the ability to field audience questions.

## Your implementation will be graded on the following:

- Your personal contribution to the group
- Degree of overall success as described in the proposal
- Are the design choices sensible for the task?
- Clarity of code and user’s manual
- Creativity/Novelty/Difficulty

There are 3 main components of your project:

## Proposal: 10% of grade

Your proposal should list the names of all group members, provide a working title for your project and describe what the goals for the project are. You should not include implementation details or code. It should also include a rough timeline for completing your project by the due date. In short, the proposal should indicate that you have planned for your work ahead.

Implementation: 60% + 10% + 10% of grade

The project meets the requirements described above. Code should be documented/commented for readability. Included with your implementation should be a user's manual (pdf format ONLY) so that others using your software know how to setup and run the code.

Presentation: 10% of grade

Each group will prepare a presentation/demo of their project to the class and be subject to questions from the class and the instructor. Presentations must not exceed 10 minutes.