

# Project Proposal

The project proposal document sets the stage for your application. It should answer many of the questions that are asked before any development and implementation takes place. It is intended to cement what it is you are planning to do and how much you expect to accomplish. It is essentially a contract between you and the instructor. Be creative, this is your opportunity to do something in an area you are interested in!

The project proposal document must include:

- An overview/overall concept of what the application will do (~1 page)
- A complete description of all the functionality of the program (~8+ pages), including:
  - Mockups of **every** part of the user interface (these can be sketches scanned in but they must be clear and legible). The mockups must define expected inputs and expected behavior as well as error handling behavior. (1 page per screen)
  - A discussion of the logic that will take place in the back end after user input (e.g. when the user clicks signup the system will save their data in the database and then authenticate the user and load their session with authenticated user data)
- A project plan that defines how your group will apply agile methodology to implement the project design:
  - List your expected timeline and deliverables (sprints)
  - Show us how your plan will meet major amounts of functional completeness (25%, 50%, 75%, etc...)

Your group will submit your project proposal for review. The TAs and instructor will review each project proposal and then provide feedback. They will be ensuring you have included enough functionality to ensure the project meets the minimum level of difficulty. Your final project implementation must include any changes as a result of feedback provided by your instructor or TA.