

CSCI 3308 Software Development Methods and Tools  
Group Project – Milestone One

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## Milestone 1 – Project Proposal

Due Wednesday, October 3, 11:59 p.m.

The project proposal is the first document required from the team. All the information listed below must be included and your preferred tools should be in place by the due date. Some of these items were decided during Lab # 3. Others you will need to decide as a team. It is worth 40 points toward your final grade.

Team Name	Moniker to be used in all presentations and documentation.
Members	List of team members, first & last name.
Description	A short (2-3 paragraphs) description of the project. Provide enough information to explain what value and benefits your product will provide to users of your product.
Vision Statement	A simple, one-sentence statement describing the clear and inspirational desired state resulting from your team's efforts to create your product.
Motivation	Describe the background and reasons for developing this product.
Risks	What are the known risks that may prevent your team from completing this project on time. Risks could include: the working environment, lack of experience of the team in the area of focus, lack of access to a specific resource, etc.
Risk Mitigation Plan	A detailed plan showing how the team will mitigate each stated risk. Describe how you will succeed given the stated risks.
Version Control	Identify the three repositories your team has created in git. (One for team meeting logs; one for Milestone submissions, and one for all project code/components.) Verify that you have shared access to the repository with your instructor, your TA, and all your project team members (screen shot.)
Development Method	Which software development methodology will your team follow? Describe the methodology and the features/steps you will follow. Common methodologies include waterfall, agile/scrum, iterative, spiral, etc.
Collaboration Tool	Select a collaboration tool for team members to utilize for coordination of their work and communication among team members. Popular tools are Slack and HipChat.
Proposed Architecture	Propose an architecture stack for your app. What technologies will you be using on the backend? What technologies on the front end? Integration layer? How will the layers of your stack communicate with each other? Which technologies will be responsible for which functionalities?

**Submission format:** This project Milestone 1 submission should be a PDF document named ProjectMilestone1\_<TeamName> and pushed to the milestones repository in git.