# Introduction <Milestone #1: Proposal>

[*Provide a 1-2 paragraph description of the problem and proposed solution. You will want to include the technologies that are incorporated within your project design and implementation plan*.]

[*Include a figure that includes the logos of the technologies that your project employs*.]

Core Features:

* [Feature 1]
* [Feature 2]
* [etc.]

Viable Features:

* [Feature 1]
* [Feature 2]
* [etc.]

Stretch Features [optional]

* [Feature 1]
* [Feature 2]
* [etc.]

# The [Team Name] Team < Milestone #1: Proposal >

[*Provide the team structure. This should include the team member name, role(s), and responsibilities. If team members have different roles/responsibilities for different project milestones, these should be listed by milestone*. *This section should be provided during the Proposal phase, but it should be updated as roles change for different milestones. The team GitHub link should be included in this section.*]

# System Requirements < Milestone #1: Proposal >

## Requirements [optional]

[*A list of system requirements. This should include, at a minimum, the requirements imposed by the class project*.]

## Epics [optional]

[*A list of system epics. Epics are similar to user stories, but they are more broad; epics cannot be completed in a single sprint. Epics follow the same format as user stories.*]

### Epic #1

[*Epic Statement, using the following format:*

*As a \_\_\_\_\_\_\_\_\_\_, I want to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, so I can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(optional).*]

## User Stories

[*A list of 1-2 user stories; additional user stories are optional.* ]

### User Story #1

[*User Story Statement, using the following format:*

*As a \_\_\_\_\_\_\_\_\_\_, I want to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, so I can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(optional).*]

# Project Management

## Continuity of Operations Plan (COOP) < Milestone #1: Proposal >

[*The team should discuss how they plan on communicating and coordinating their efforts. This should include a contingency plan in case one or more team member is unable to meet in-person (e.g., COVID-19 quarantine) or suddenly becomes unavailable (temporarily, such as illness or injury, or permanently, such as dropping the class). The Continuity of Operations Plan is a paragraph or two capturing this discussion.*]

## Project Plan

### System Architecture Design and Development < Milestone #1: Proposal & Milestone 2: Architecture>

[Milestone 1 (Proposal): The Project Plan WBS provides a list of activities/tasks to be undertaken to complete Milestone 2 (Architecture). The WBS activity chart should include task dependencies, estimated level of effort, and expected start and completion dates.

Milestone 2 (Architecture): The WBS activity chart for the milestone should be updated to include actual level of effort and start and completion dates.]

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Activity** | **Pre #** | **Estimated**  **Effort** | **Actual**  **Effort** | **Estimated**  **Start Date** | **Estimated**  **Finish Date** | **Actual**  **Start Date** | **Actual**  **Finish Date** |
|  |  |  |  |  |  |  |  |  |