

# GreetNGroup

## Project Plan

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# Cost Analysis

## Work Hours:

Our estimate total hours that it will take to finish this web application is 690 hours. Our resources consist of how many hours people are willing to work per week, which is an average of 9 hours a week per person. The group's total resources per week will be about 36 hours per week, which will be a total average of 720 hours for the entire project.

## Host Provider:

Ideally our project would use two database servers and two web servers, but we are restricted to what is given in the Amazon AWS free tier. We are given over 20 GB of database storage and another 20 GB for backup. It would be best to have two databases in case one gets too full or one of them goes down, so we have a backup. Unfortunately, the free tier of Amazon AWS only provides one database. The free tier also only allows only 20,000 file retrieves before charging extra, but it is unlikely our website will exceed that limit.

## Budget:

Ideally, our project should not cost us money since we are using free tiers for the services we will be using; however, in the event that this project does exceed the limitations on free tier services, we must pay in order to keep our project live. For this project, our group has a budget of \$40 per month which will be used primarily for Amazon AWS.

# Risk Assessment

- Early Completion

Functions have been completed early than estimated time because work was easier than expected

- Functions could have been added to the work week
  - Not working to max efficiently
  - Wasted time from no work being assigned
  - Delivery dates will be rewritten for better estimates

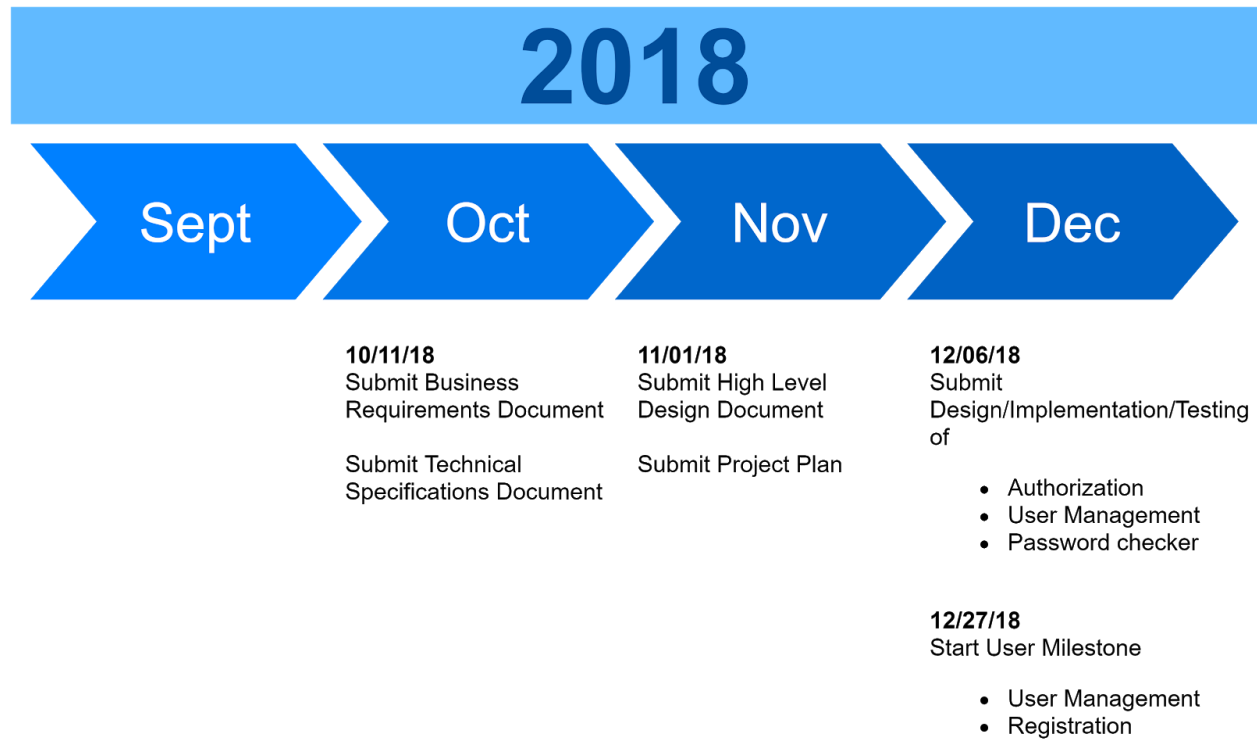
- Late Completion

Function was late because either research, implementation, or went over estimated time

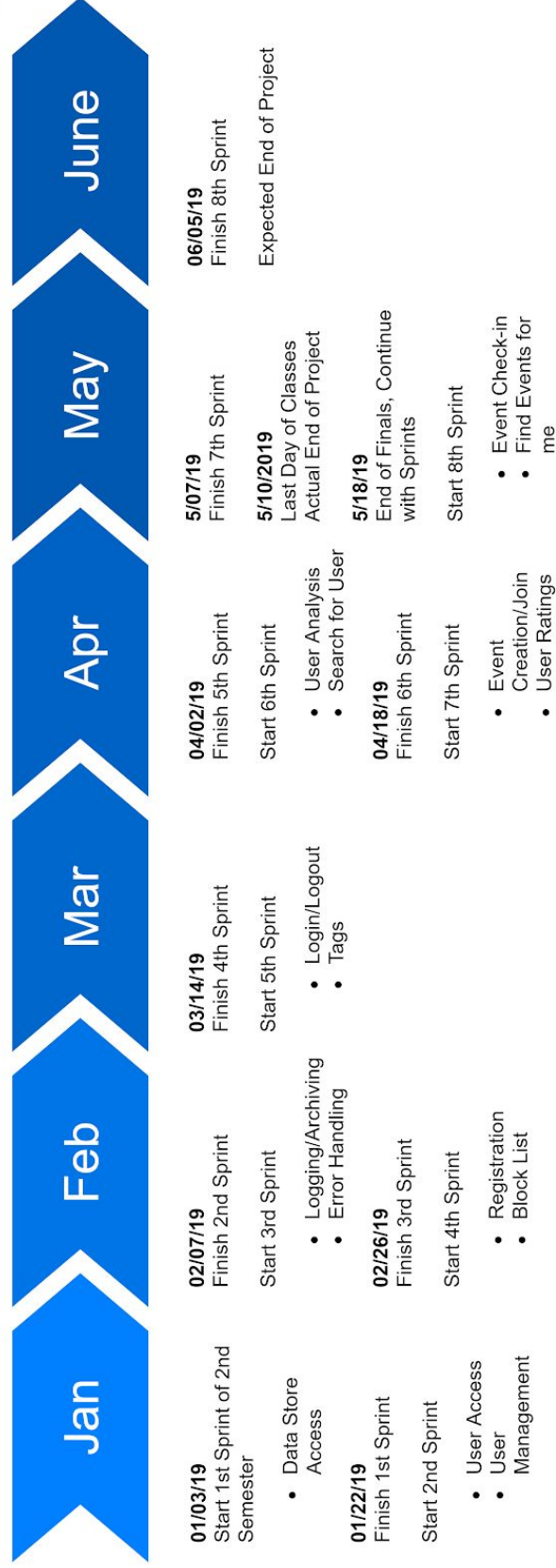
- Work will have to be carried over to the next week
  - More labour hours from the team
- Incomplete functions
  - Some functions may not be fully done if no time is left

- May lead to unfinished product or needing to go past the end date of the project
- Team Member isn't capable of work
  - Team member has left the class or is incapacitated
    - Other members will have to pick up their work
      - More labour hours for the whole group
      - Less work will be able to get done
      - Might not be able to finish whole project
- Insufficient funds due to unexpected costs
  - A budget increase will be necessary to cover these costs
    - Members must be able to commit more funds to the project to keep it live

# Roadmap



# 2019



## Timeline