# GreetNGroup

Project Plan

CECS 491A Sec 05 8332

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12/06/18

## **Table of Contents**

Cost Analysis	2
Risk Management	2
Roadmap	4
Timeline	6

### **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

2018

Sept

Oct

Nov

Dec

10/11/18

Submit Business Requirements Document

Submit Technical Specifications Document

11/01/18

Submit High Level Design Document

Submit Project Plan

12/06/18

Submit
Design/Implementation/Testing

- Authorization
- User Management
- Password checker

#### 12/27/18

Start User Milestone

- User Management
- Registration

# 

May June	5/07/19 Finish 7th Sprint Finish 8th Sprint Finish 8th Sprint Finish 8th Sprint Expected End of Project Last Day of Classes sis Actual End of Project User 5/18/19 End of Finals, Continue with Sprints Start 8th Sprint  • Event Check-in in • Find Events for
Apr	04/02/19 Finish 5th Sprint Start 6th Sprint • User Analysis • Search for User 04/18/19 Finish 6th Sprint Start 7th Sprint • Event Creation/Join
Mar	03/14/19 Finish 4th Sprint Start 5th Sprint • Login/Logout • Tags
Feb	62/07/19 Finish 2nd Sprint Start 3rd Sprint Error Handling 62/26/19 Finish 3rd Sprint Start 4th Sprint Registration Block List
Jan	01/03/19 Start 1st Sprint of 2nd Semester • Data Store Access 01/22/19 Finish 1st Sprint Start 2nd Sprint • User Access • User

# **Timeline**