*service9*

project charter

LITE Version *0.0.5*

*02/06/2020*

VERSION HISTORY

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Version #** | **Implemented**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 0.0.1 | *Erik Nelson* | *01/31/2020* | *N/A* | *01/31/2020* | *Alpha version created. No previous version existed* |
| 0.0.2 | *Raymond Wu* | *02/02/2020* | *Erik Nelson* | *02/02/2020* | *Added objectives and high-level requirements* |
| 0.0.3 | *Erik Nelson* | *02/02/2020* | *N/A* | *02/02/2020* | *Added duration, and project organization.* |
| 0.0.4 | *Cesar Ramirez* | *02/04/2020* | *Erik Nelson* | *02/04/2020* | *Added project and product overview,* |
| 0.0.5 | *Erik Nelson* | *02/05/2020* | *N/A* | *02/06/2020* | *Converted to lite template from full.* |
| 0.0.6 | *Dylan Dieck* | *02/06/2020* | *Erik Nelson* | *02/06/2020* | *Added deliverables and budget estimate* |

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# introduction

## Purpose of LITE Project Charter

The *service9* LITE Project Charter documents and tracks the necessary information required by decision maker(s) to approve the project for funding.

The intended audience of the *service9* LITE Project Charter is the project sponsor and senior leadership.

# project And Product Overview

Service9 is a project consisting of five engineers, Cesar Ramirez, Raymond Wu, Erik Nelson, Trystan Kaes, and Dylan Dieck. Together they will work to develop an anti-spam bot that will protect against a variety of spam encountered on a channel. This ranges from unwanted language to simply excessive and abusive usage of a channel. The project is currently being developed at the University of Colorado Denver where it will take approximately 3 months to develop and test. The project budget is $120k.

# Scope

## Objectives

Create a bot to automatically moderate an IRC channel by removing spam and banning users who spam.

The objectives of the *SERVICE9* are as follows:

* *Ban users who post the same message, which is over 20 characters long, at least thrice in the past hour.*
* *Add words to a list of banned words*
* *Kick users who use said banned words.*
* *Kick users who post over 5 messages in a minute*

## High-Level Requirements

The following table presents the requirements that the project’s product, service or result must meet in order for the project objectives to be satisfied.

| Req. # | I Requirement Description |
| --- | --- |
| 1 | Must be able to read IRC messages, who sent them, and when it was sent |
| 2 | I RC operators must be able to add and remove bannable/kickable text to/from a list |
| 3 | Service9 must search through chat and kick/ban any offenders |
| 4 | The bot must be able to kick people who post more than a modifiable amount of \_messages per unit of time |

## Major Deliverables/Milestones

| Major Deliverable | I Deliverable Description |
| --- | --- |
| Requirements Analysis | A comprehensive list and analysis of all reqirements for  the bot |
| Functioning Prototype | A fully functioning prototype for the bot that meets all  requirements and works in a controlled environment |
| Working implementation | An implementation onto the chat server that meets all  previous standards |

# Duration

## Timeline

02/20

03/20

04/20

05/20

System Development

Completed

Developed Prototype

Requirements Analysis

Completed

Project Plan Completed

# budget Estimate

## Funding Source

Funding will be sourced from the University of Colorado Denver School of Engineering under operations manager Doug Williams.

## Estimate

The budget for this project is estimated to be at $120k dollars accounting for all 5 engineers working on the project. There is an estimated three month timeline for Service9, and each engineer will be compensated with an $8,000 monthly salary, coming to 40,000 a month, and landing at $120k for the entire duration of the project.

# project Charter approval

The undersigned acknowledge they have reviewed the **LITE Project Charter** and authorize and fund the *<Project Name>* project. Changes to this **LITE Project Charter** will be coordinated with and approved by the undersigned or their designated representatives.

[List the individuals whose signatures are desired. Examples of such individuals are Business Steward, Project Manager or Project Sponsor. Add additional lines for signature as necessary. Although signatures are desired, they are not always required to move forward with the practices outlined within this document.]

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |
| Print Name: |  |  |  |
| Title: |  |  |  |
| Role: |  |  |  |

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| Signature: |  | Date: |  |
| Print Name: |  |  |  |
| Title: |  |  |  |
| Role: |  |  |  |

APPENDIX A: REFERENCES

[Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.]

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name and Version** | **Description** | **Location** |
| *<Document Name and Version Number>* | *[Provide description of the document]* | *<URL or Network path where document is located>* |

APPENDIX B: KEY TERMS

*[Insert terms and definitions used in this document. Add rows to the table as necessary. Follow the link below to for definitions of project management terms and acronyms used in this and other documents.*

*http://www2.cdc.gov/cdcup/library/other/help.htm*

The following table provides definitions for terms relevant to this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |