

Software Proposal Document for project _____

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Proposal Version	Date	Reason for Change
1.0	12-April-2020	Proposal First version's specifications are defined
1.1	20-April-2020	Scope updated

Table 1: Document version history

GitHub:

Abstract

The main idea of this project is to study the (Word Limit 150)

1 Introduction

1.1 Background

Please start from very big domain for your problem then focus on some area inside this domain that match your interest.

1.2 Motivation

1.2.1 Academic

Discuss Academic Needs for your project. You must include references.

1.2.2 Business

Discuss business Needs for your project.

1.3 Problem Statement

Please put a focus on 1-2 challenges that this project aims to solve and state them very clear as your formal problem statement.

2 Project Description

Show down with a figure the proposed system.

2.1 Objectives

Why this system is to be developed.

2.2 Scope

The scope of your project.

2.3 Project Overview

Some extra details for your system implementations.

2.4 Stakeholder

2.4.1 Internal

State who is the team leader. list all team members with their responsibilities

2.4.2 External

State who are the End Users and clients

3 Similar System

3.1 Academic

List down at least 10 papers from ACM and IEEE for similar work experience in the domain of your problem. You can add 5 papers or more from other sources (Springer, Elsevier, ..etc)

Be sure that each paper you list include the following points

1. The main problem statement of the work.
2. How the researchers contributed to solve the problem
3. The dataset used by the researchers
4. What main results the researchers reach.
5. Criticize the paper
6. figure if possible

3.2 Business Applications

Describe available business applications the the market with figures. (Optional)

4 What is new in the Proposed Project?

5 Proof of concept

Explain the 10% implemented in your project so far.

6 Project Management and Deliverables

6.1 Tasks and Time Plan

Use some software for primitive plan of your project.

6.2 Budget and Resource Costs

7 Supportive Documents

Add sections covering one or more of the following:

- Dataset.
- Contact documents
- users/survey
- Contacting authors.

8 References

20 Reference Minimum (80% Academic)