CS/SE 4352.0U1

Preliminary Project Plan

Fareen Chowdhury
Fxc150930

Midhat Wahab
Maw160030

https://github.com/fareench/CS_4352_Project_1

1.Introduction

1.1 Project overview

Using the KWIC (Key Word in Context), the project shall utilize alphanumerical input from the user and apply circular-shifted function to it. User will enter phrases or sentences within 30 words or less. The system will remove all the stop words, to increase efficiency of the search. Once the input has been received from the user, the circular-shift function will be applied to it, in which the first term in the input will be removed and appended to the end of the phrase.

1.2 Project Deliverables

1. Preliminary Plan
2. Interim Project I Documentation
3. Final Project I Documentation
4. Interim Project II Documentation
5. Final Project II Documentation

1.3 Evolution

Document is subject to changes as the project grows.

1.4 References

Project Management Plan Template
http://www.utdallas.edu/~chung/SP/SoftwareProjectManagementPlanTemplate.htm

1.5 Definitions/Acronyms

KWIC	Key Word In Context
CIRCULAR	Cyclic Pattern
SHIFT	Incrementing or decrementing
INPUT	User data
ALPHABETICAL	Relating to the alphabet
APPEND	Attach

2. Project Organization

2.1 Process Model

Waterfall Model- this model will be used to individually develop each stage of our program in order keep within the time constraints.

2.2 Organizational Structure

I. Fareen Chowdhury

II. Midhat Wahab

Deliverable	**Team Leader***
Preliminary Project Plan	I & II
Interim Project I	II
Final Project I	1
Interim Project II	II
Final Project II	1

* Team Leader will be in charge of submitting required documents

2.3 Project Responsibilities

Responsibilities and tasks are evenly distributed amongst the team members. Each team member is subjected to fulfilling their assigned responsibilities in a timely manner and within the allotted budget.

3. Managerial Process

3.1 Management objectives and priorities

Objectives:

Perform required task description

Priorities:

- Delivered on time
- Functional and compatible
- Meets all requirements
- Not exceeding costs
- Efficient and of high quality
- Fulfills customer satisfaction

3.2 Assumptions, dependencies, and constraints

Users will have brief understanding of KWIC system and the implementation.

Dependency: User input

Constraints: Final due date is on July 30th

3.3 Risk Management

1. Miscommunication

Risk: Low

2. Time Manageability

Risk: Medium

Description: Summer semester time constraints

3. Scheduling

Risk: Medium

Description: Conflicting class and work timings

4. Technical Process

4.1 Methods, tools, techniques

J2EE, RATIONAL ROSE, and .NET

4.2 Software Documentation

Final and public documentation will be pushed onto Github and private documentation will be edited on a private Google Drive.

5. Table with Deliverable and Due Dates

Deliverable	Due Date
Preliminary Project Plan	May 30th
Interim Project I	June 13th
Final Project I	June 21st
Interim Project II	July 11th
Final Project II	July 30th