

System Architecture
Sentiments Analysis with Twitter
Team Jazz Men

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January 11, 2017

Contents

1	Introduction	1
1.1	Overview	1
2	Design Principle	1
3	Anticipated Changes	1
3.1	Likely Changes	1
3.2	Unlikely Changes	1
4	Flow Diagram of Web UI	2
5	Decomposition into Components	2
5.1	Home Page	2
5.2	Search Bar for Keyword	3
5.3	Multiple Search Bars	3

List of Tables

List of Figures

1	Flow Diagram	2
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Revision History

Date	Version	Notes	Editor
January 8, 2017	1.0	Created First Draft	Meet P

1 Introduction

1.1 Overview

This document is provides a detailed description of System Architecture for this project. The document describes Anticipated Changes as the project progresses which is split up into Likely and Unlikely Changes. Next, the document describes the System Architecture using.....FILL IN HERE

2 Design Principle

3 Anticipated Changes

3.1 Likely Changes

The following changes are likely to occur as the project proceeds:

AC1 Currently, the Sentiments Analysis is static, meaning the keyword to be searched for on Twitter is Hard-Coded. Eventually, it will become dynamic, so users will be able to input keyword and thats what the analysis is done on.

AC2 The product only supports Sentiments Analysis on a single keyword. Eventually, the product will support more than one keyword in order to do Comparative Analysis.

AC3 The web UI currently is hosted locally on tester's computer. Eventually, the web UI will be hosted on a live server.

AC4 Based on user feedback, some features will be modified if not, removed.

3.2 Unlikely Changes

The following changes are unlikely to occur:

UC1 It is unlikely that the Sentiments Analysis will be done with any API other than the Alchemy Language API

UC2 The way the Front End UI is developed is unlikely to change.

4 Flow Diagram of Web UI

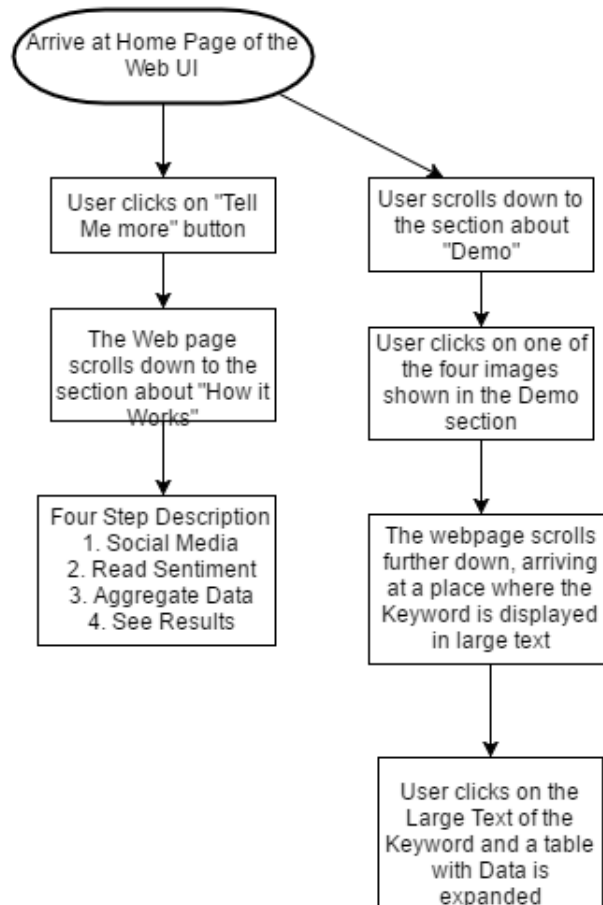


Figure 1: Flow Diagram

5 Decomposition into Components

5.1 Home Page

Main starting page of the Web UI. User will start off from this page. Page provides an overview of what a Sentiments Analysis is about and how it works.

5.2 Search Bar for Keyword

A search bar is provided on the main Home page. This is the central feature to be used by an user to search a keyword in and get the sentiment score.

5.3 Multiple Search Bars

A toggle feature allows user to switch to two search bars. This is in order to do comparative analysis when user wants to see differences between two interests.