Australian City Analytics

Assignment II Report

Group 34

Juan Daniel Daza – 846887

Junwen Zhang – xxxxxx

Mingyan Wei – xxxxxx

Sai Sree Vatsav – xxxxxx

Wen Zhang - xxxxxx

Contents

[Introduction 3](#_Toc481855607)

[System Functionalities 3](#_Toc481855608)

[General Architecture 3](#_Toc481855609)

[Tweet Harvester 3](#_Toc481855610)

[Duplicate Removal Process 3](#_Toc481855611)

[Error Handling 3](#_Toc481855612)

[Fault Tolerance 3](#_Toc481855613)

[Data Processing 3](#_Toc481855614)

[Web Service 3](#_Toc481855615)

[Frontend Service 3](#_Toc481855616)

[Twitter Sentiment Analysis 3](#_Toc481855617)

[Aurin Data 3](#_Toc481855618)

[User Guide 3](#_Toc481855619)

[User Invocation – Ansible 3](#_Toc481855620)

[NeCTAR Rearch Cloud 3](#_Toc481855621)

[Conclusions 3](#_Toc481855622)

# Introduction

# System Functionalities

## General Architecture

## Tweet Harvester

## Duplicate Removal Process

## Error Handling

## Fault Tolerance

## Data Processing

## Web Service

## Frontend Service

# Twitter Sentiment Analysis

# Aurin Data

# User Guide

## User Invocation – Ansible

# NeCTAR Rearch Cloud

# Conclusions