Technical Installation Manual

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1 Introduction

The following is a technical installation manual for the project Domain Pulse, a system designed to aggregate and process data for given domains (businesses, products, etc. . .), over given sources (Google reviews, TripAdvisor and others) and provide the user, peoples sentiment towards their domain. The system uses a Django backend, Angular frontend and PostgreSQL and MongoDB databases. The installation of these components and the packages used within in them, shall be explained within this manual.

1.1 Some subsection

If we need to add more details or break it up

2 Prerequisites

The following are prerequisites for the complete installation and set-up of Domain Pulse: Python 3.8, Pipenv, Angular, MongoDB, PostgreSQL.

2.1 Python 3.8

On linux (Ubuntu) python 3.8 can be installed using:

2.2 Pipenv

Once python is installed (pip should therefore be working too) use: pip install pipenv

2.3 Angular

working

2.4   MongoDB

The following resources may be used for installing MongoDB

- Windows: https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-windows/

- Ubuntu: https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-ubuntu/

- MacOS: https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-os-x/

2.5   PostgreSQL 12

The following resource can be used for installing PostgreSQL 12

- https://www.postgresql.org/download/

Ensure that, regardless of what installer is used, PostgreSQL 12 specifically is installed.

3   Installation

Installation - this describes how the installation of your system would work

My understanding is this would be like actually getting the code onto your machine and how to install the prerequisites once you have the code Luckily we've got stuff like pipenv install to just get all the python packages

4   Deployment and Running

Deployment/Running - detail how your system should be executed and provide the link to your user manual on how the system should be used

Ideally we can write a script thta just goes and runs the frontend and backend so we don't need to write down the actual details or commands