**Statement of Work (SOW)**

**YouAnalytics**

**K.M.A.R.T. Consulting**

**123 YouStreet**

**St. Peters, MO 63376**

**June 23, 2023**

**Table of Contents**

[Introduction/Background 2](#_Toc332473318)

[Scope of Work 2](#_Toc332473319)

[Period of Performance 2](#_Toc332473320)

[Place of Performance 3](#_Toc332473321)

[Work Requirements 3](#_Toc332473322)

[Schedule/Milestones 4](#_Toc332473323)

[Acceptance Criteria 5](#_Toc332473324)

[Other Requirements 5](#_Toc332473325)

# Introduction/Background

With the creation of a Web-based application that will allow a YouTuber to quickly retrieve analytic information about their YouTube channel as well as videos. This document will provide a high-level overview of the project. The project itself will consist of a simple webpage to provide users with an interface for features mentioned further within the document, as well as a back-end utilizing Django to provide functionality for said features.

# Scope of Work

Using K.M.A.R.T. Consulting we will provide a web-based application used to quickly retrieve the following analytic information:

* Views
* Likes
* Estimated minutes watched
* Average view duration
* Channel Subscribers

This application will take a user’s YouTube credentials and use the YouTube Analytics API from Google to request the data.

If the user’s information is incorrect then an error message will display.

**Out of Scope** (however, if time allows, will be added)

* Login system including creation of user account

# Period of Performance

Work will be completed within 6 weeks. See schedule/milestone timeline*.*

# Place of Performance

Developers are conducting development and testing on their local environment using Visual Studio Code as the integrated development environment. Version control and source code storage will be on GitHub. Work will be performed at individual developer’s homes or office locations and not at client sites.

# Work Requirements

Work will require four developers and one project manager dedicating a total of 50 hours per week for a total of 6 weeks.

Development tools:

* GitHub
* Visual Studio Code
* Django, Python
* HTML, CSS

API’s:

* Google YouTube Analytics

# Schedule/Milestones

|  |  |
| --- | --- |
| **Milestones** | **Planned Date** |
| Definition Phase – Phase One |  |
| * Project Start | June 20, 2023 |
| * Plan Ready | June 23, 2023 |
| * Plan Presented | **June 24, 2023** |
| Realization Phase – Phase Two |  |
| * Features finalized | July 7, 2023 |
| * Presented | **July 8, 2023** |
| Verification & Validation - Phase Three |  |
| * Design Freeze | July 21, 2023 |
| * Prepare to Release | **July 22, 2023** |
| Delivery Phase – Phase Four |  |
| * Ready to Release | August 1, 2023 |
| * Project Complete | **August 3, 2023** |

# Acceptance Criteria

For the Front-end:

* Code review has been performed
* Client end-to-end test performed
* Client signoff on layout and user interface

For the Back-end:

* Accepted pull request:
  + Including code review, end-to-end test, successful return of required API data and successful review of error handling.

# Other Requirements

NA

**Acceptance**

Approved by:

Date:

<Faculty Name>

<Faculty Title>