**Change Log**

**YouAnalytics**

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

**123 YouStreet**

**St. Peters, MO 63376**

**August 1, 2023**

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| **Change Log** | | | | | | | |
| **Project: YouAnalytics** | | | | | | **Date: 8/1/2023** | |
| **Change No.** | **Change Type** | **Description of Change** | **Requestor** | **Date Submitted** | **Date Approved** | **Status** | **Comments** |
| 01 | Design | The initial plan was to have an application that was able to pull data from any YouTube account. However, Google’s privacy policies prevent that, so a switch was made to using Google OAuth service to request data from user’s account. | Morgan Copeland | June 16, 2023 | June 16, 2023 | Closed | A user must log into their Google account to give access to YouAnalytics to access their YouTube account data. |
| 02 | Scope | The initial plan was for an application that allowed a user to customize their analytic request to include dimensions, metrics and filters. Due to capacity restrictions this was changed to only allow a user to request specific metrics and the dimension is hardcoded as “Day”. | Morgan Copeland | June 16, 2023 | June 16, 2023 | Open | In the future, this change could be reverted with future application enhancements. This change had to be made because not every metric can be used with every dimension and data filters are dependent on the dimension used. |
| 03 | Design | The concept of possibly retrieving data from other accounts was brought back into concept. Doing so through the YouTube API itself was considered a dead end, thus research into additional API or work arounds began. | Austin  McCowan | July 3, 2023 | July 10, 2023 | Denied | This design decision yet again was a dead end and was dropped as a feature. |
| 04 | Design | Implementing graphing using plotly | Austin McCowan | July 1, 2023 | July 15, 2023 | Denied | Graphing was implemented using a different method |
| 05 | Design | Implementing graphing using chart js. Graph is embedded into the web page and takes CSV files as input (which is obtained from YouTube API functionality) | Austin McCowan | July 15, 2023 | July 20, 2023 | Approved | Graphing was implemented into the project successfully. |
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