

Project MuSigma - TLC: Architecture Overview

DRAFT

This document gives overview on whole design of the application involves with. Interaction with External Application will also be reflected here.

- [Overview of Architecture Diagram](#)
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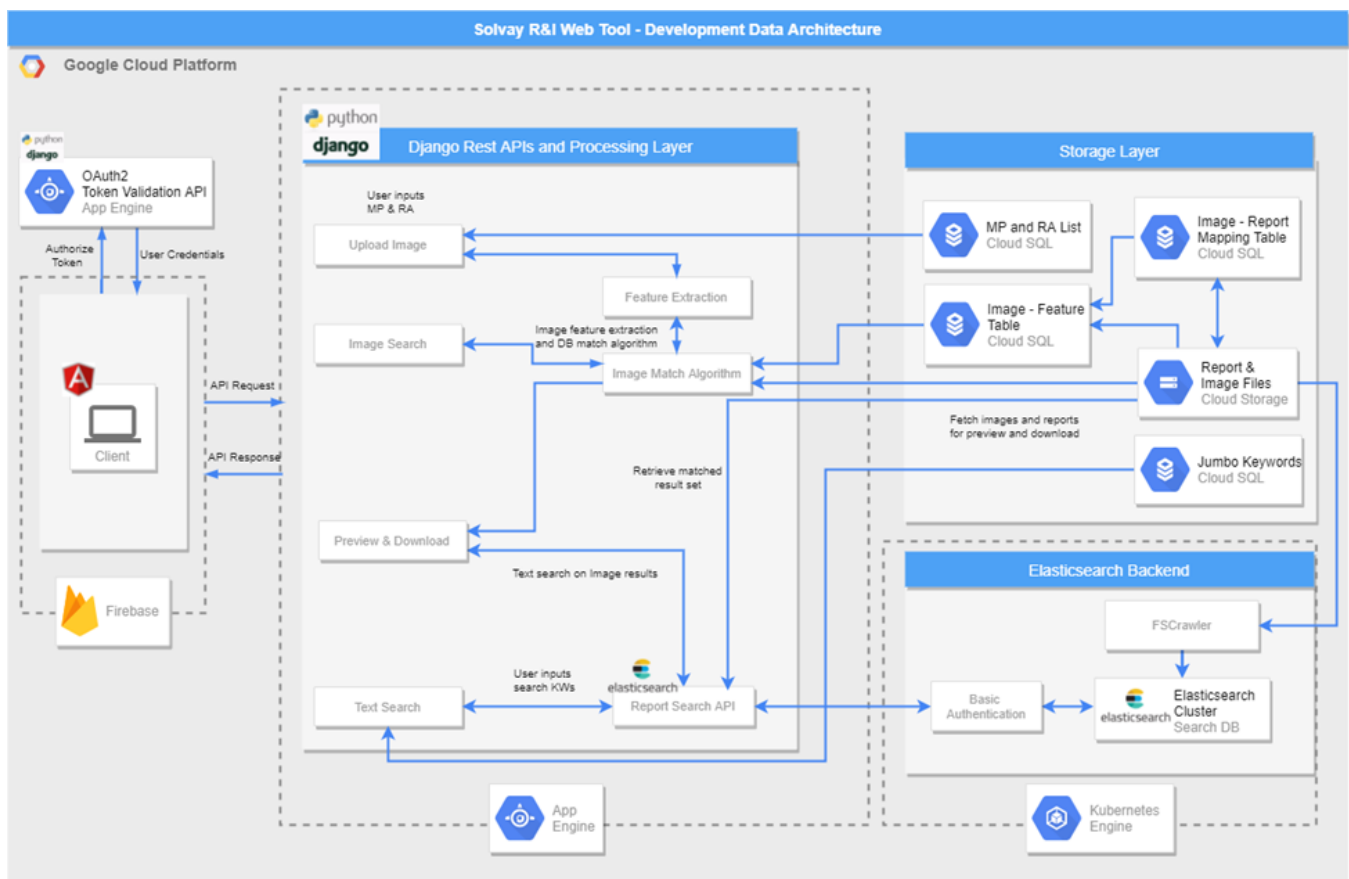
Tool to draw Diagram

<https://www.draw.io/>

Overview of Architecture Diagram

Diagram of the solution including the external system

Detail of GCP usage on Diagram



GCP APIs used

APIs	Usage on production / month (Estimated)	Expected Growth rate / month (Estimated)	Remarks
Compute Engine API	671,633		Estimated usage based on current usage of ~5 users
Cloud Deployment Manager V2 API	3,853		Estimated usage based on current usage of ~5 users
App Engine Admin API	712		Estimated usage based on current usage of ~5 users
Cloud Build API	677		Estimated usage based on current usage of ~5 users
Admin SDK	1,412		Estimated usage based on current usage of ~5 users
Cloud SQL Admin API	344		Estimated usage based on current usage of ~5 users
Cloud Functions API	209		Estimated usage based on current usage of ~5 users
Cloud Pub/Sub API	33		Estimated usage based on current usage of ~5 users
Stackdriver Logging API	3,759,038		Estimated usage based on current usage of ~5 users
Stackdriver Monitoring API	962,971		Estimated usage based on current usage of ~5 users

GCP Resources used

Resources	Expected time of usage	List of scripts to start/stop resources	Projected Usage	Remarks
App Engine (Flex)	-	-	-	N/A
Compute Engine	-	-	-	N/A
Cloud SQL	-	-	-	N/A
Storage	-	-	-	N/A
Kubernetes Engine	-	-	-	N/A