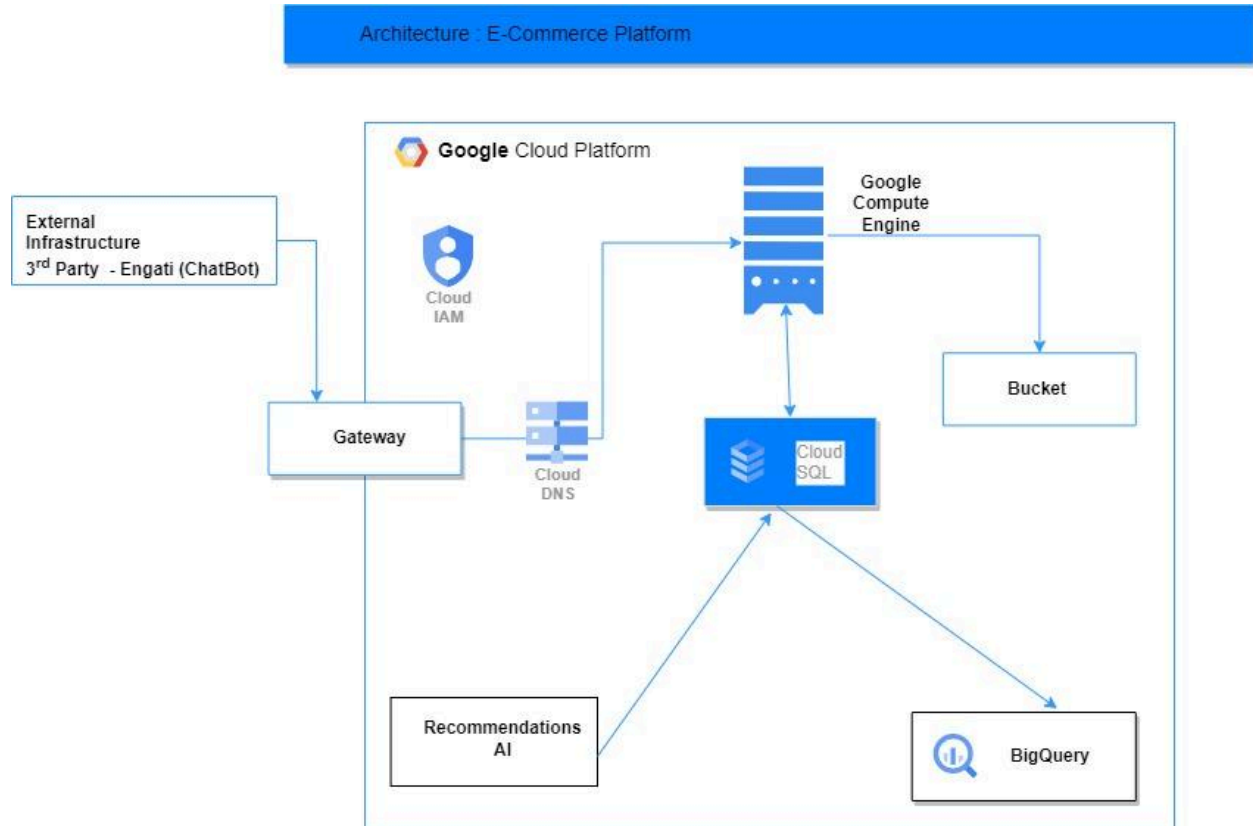# MILESTONE - 1 GROUP 25

Sai Joshitha Kathari   Keerthana Turlapati   Amritha Suresh

PROJECT ARCHITECTURE AND SERVICES

PROJECT PROGRESS

The current project progress is as following :

1. The initial phase of hosting the web application on GCP is completed.
2. The web application along with a populated database is hosted.
3. A LAMP(Linux, Apache2, MySQL, PHP) stack has been installed on a Debian Virtual Machine.
4. Database tables and relations are populated.
5. IAM roles created for all team members

SERVICES BEING USED :

1. Cloud IAM
2. Google Compute Engine
3. Cloud SQL
4. Google Cloud Deployment Manager
5. Google Marketplace

SERVICES WE ARE EXPLORING :

1. Cloud DNS
2. Cloud Storage Buckets
3. BigQuery
4. Vertex AI/Recommendations AI

CHALLENGES

1. Apache2 is serving the default web page. Tried changing the Apache configuration but it is still serving the default web page. Still working on figuring this out.
2. Creating a DNS record for the webpage.
3. Migrating the web application from AWS. Migrating the application from AWS without loosing data is an advanced process and needed creation on secure VPN between AWS and Google Cloud.
4. Since the application on AWS did not hold much data and it was delaying the progress, we proceeded to host the web application from scratch on Google Cloud instead of migrating from AWS

PROGRESS REPORT TABLE:

TASKS	GROUP MEMBER
Hosting Web application on GCP and assigning IAM roles	Keerthana, Joshitha, Amritha
Database creation	Keerthana, Amritha
Documentation	Joshitha, Keerthana