



Cloud  
IAM



Secret Manager



serena-net

Virtual Private Cloud



serena-subnet-asia-southeast2

VPC Subnet



serena-main

Cloud SQL



serena-app-storage

Cloud Storage



serena-shsw-datasets

Cloud Storage



serena-backend

Cloud Run



Authentication &  
Authorization



Emotion Detector  
API



User Profile API



SerenPlace API



Music  
Recommender  
API



SerenBox API



serena-emotion-detector

Cloud Run



cloud-run-source-deploy

Artifact Registry



serena-emotion-detector

Vertex AI



emotion-detector-nb

User-Managed Notebook



serena-emotion-detector

Training



serena-emotion-detector

Model Registry



Cloud  
Build

Clients



SerenApp



SerenBox



serena-serenbox

GitHub Repo



serena-backend

GitHub Repo



serena-emotion-detector

GitHub Repo

On push to main



Terraform

On push to main

On push to main