

Deliverable CAD Assignment 2

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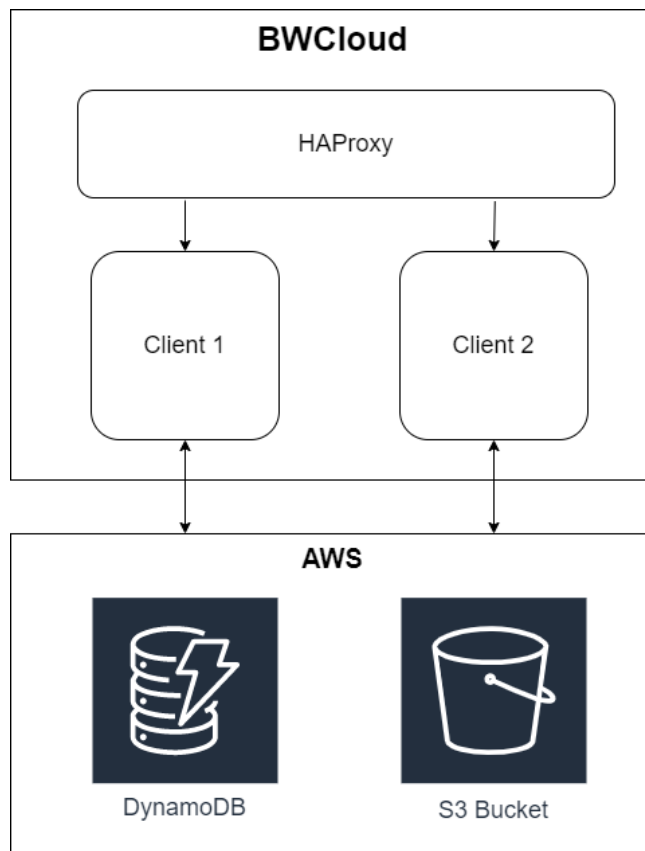
Design:

Database: DynamoDB

Object Storage: S3 Bucket

Load Balancing: HAProxy

Architecture diagram:



Description:

User connects to address of the Proxy. HAProxy will forward User to one of the clients, disguised as the original address. Clients are connected to the same DynamoDB and S3 Bucket, so they will yield the same view regardless of which client the user is connected to.

Cloud environment configuration:

Proxy server: Open port 80

Client 1: Open port 3000

Client 2: Open port 3000

DynamoDB: Access via Identity Key

S3 Bucket: Public access of Folder /public/uploads (to expose picture path)