System elements

Toggle numbers
(Hold Shift + ⌘ or Ctrl, then click)

1 *Leverage Amazon CloudFront, a content delivery network, to take advantage of caching, optimal origin routing, and less redundant calls to your backend.*

2 *Assets stored in Amazon S3 are securely served through CloudFront.*

3 *S3 hosts static assets such as HTML, CSS, JS, and or media.*

4 *An Amazon Cognito user pool provides user management and identity providers.*

5 *Amazon API Gateway is used to send or receive HTTP call.*
- *E.g., if a user submits data through a POST, Amazon API Gateway can be utje connection between the*

6 *Lambda function(s) provides Create, Read, Update, Delete operations on top of DynamoDB or process the POST/Get data from browers and return.*

7 *DynamoDB provides the backend NoSQL data store that elastically scales.*

Dating app host technical Architecture

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AWS Cloud

3 Aws webserver

S3 bucket(s) host static website content. e.g HTML, CSS, JS, media, etc.

2 S3

1 Browser

Cognito User Pools registers and authenticates users to the app

4 Cognito

return as post call

This app's backend receives HTTP calls from browser

5 Amazon API Gateway

retun the data as http

get data from browser

6 Lambda

return the request data

7 DynamoDB