

AWS CDK Project: Cloud Reservation System

Using AWS CDK with python to develop a cheap reservation website, using an Infrastructure as Code approach. The website is deployed using S3 static hosting. The website consist of HTML, CSS and JavaScript.

Flow of a reservation submission is as follows: 1. User accesses the static website hosted on S3. 2. User submits a reservation through the website. 3. The submission is sent to the API Gateway endpoint. 4. API Gateway triggers the Lambda function. 5. The Lambda function processes the reservation, writes it to DynamoDB, and sends a confirmation email via SES.

