

Simple HTTP Relay Server with a WebApp and CI/CD Design HLD Part 1

Server Backend Deliverable Results

Timeline in Design Document Goals Reached

Task	Estimated Dev Time	Loose Deadline	Actual Completion Date	commit
Research Project and Document Plan	3 hours	05/30 4:30 PM EST	05/30 4:30 PM EST	a00d6f1b7643429456501d3fedfc0ac1ffb79625
Basic repo setup	30 minutes	05/30 5:00 PM EST	05/30 5:00 PM EST	N/A
Simulate Python Lambda interacting with DynamoDB Triggered by API Gateway locally	3 hours	05/30 Midnight EST	05/30 8:00 PM EST	N/A
Push API Gateway Interface	1 hour	05/31 11:00 AM EST	ALTERNATIVE FOUND. API Gateway interface is defined within the cloud formation template because resources are simple.	
Push AWS Lambda Code	1 hour	05/31 11:00 AM EST	05/31 10:00 AM EST	799ee4f9961716fb970badbcae1bd63edfaedff7
Push Cloud Formation Template	3 hours	05/31 2:00 PM EST	05/31 10:40 AM EST	8873fdd6f399374548f653a5cdfdc37e2439fc49