The Codebase consists of three lambda functions with their included libraries, and a Chatbot that is made using React.

The chatbot can be run using the standard sequence of commands required for React:

npm i

npm start

This will allow the chatbot to open on a local host.

* The Chatbot on the EC2 instance is hosted with NGINX, and must be opened accordingly.
* The Lambda functions must be deployed on your AWS environment, as well as the APIGateways with the required endpoints calling each of the lambda functions.
* A DynamoDB must be setup to handle storage of the requests sent by the chatbot

From our analysis on the functions done (Only Cold Start vs Proposed new method), it is successfully concluded that the Proposed method ensures a warm start while also minimizing costs required.