# PROJECT TITLE: BUILD A PLASMA DONOR APP WITH AWS SERVERLESS COMPUTING

### **INTRODUCTION:**

To build a serverless computation using AWS for plasma donation.

#### **OVERVIEW:**

We use Dynamo DB, Lambda, IAM, API Gateway, EC2 in AWS and fast2sms to send the messages. We create tables using Dynamo DB this is embedded with Lambda. In lambda we can write the code to insert the data in the table. The IAM is used for security purposes, identity management. It has set of permission for making AWS service request. The API gateway is between the lambda and user interface, it generates the url which is the frontend. EC2 instance has a resizable compute capacity, it can develop and deploy applications faster.

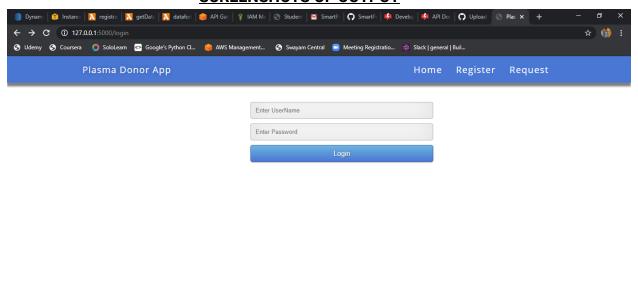
#### **PURPOSE:**

To intimate the person through messages.

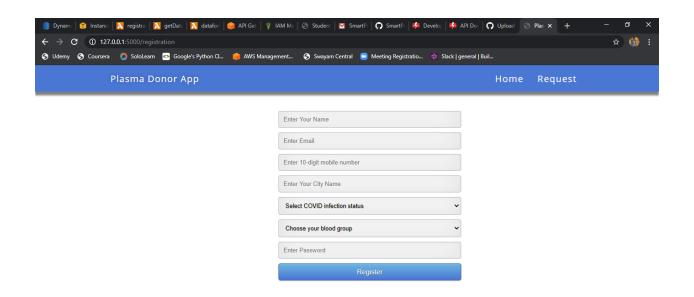
#### **RESULT:**

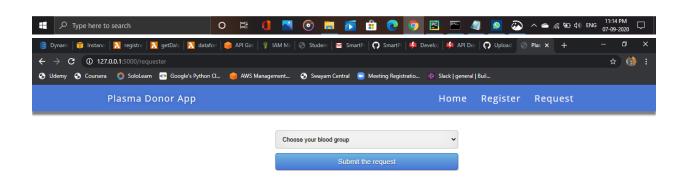
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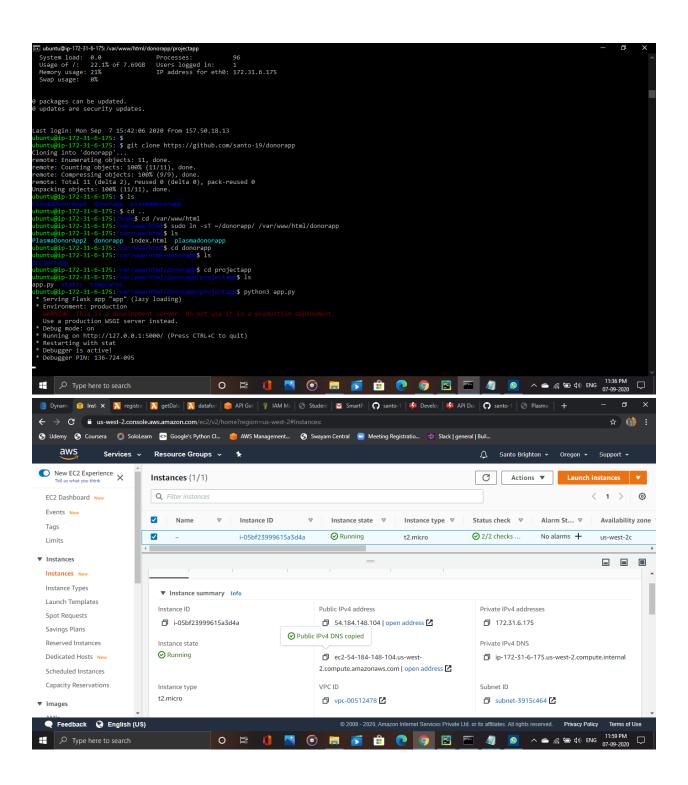


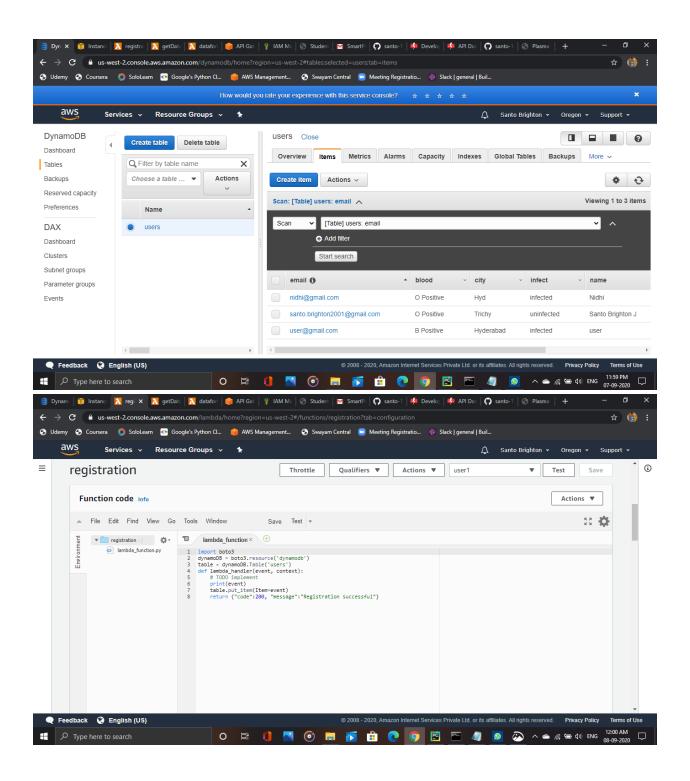
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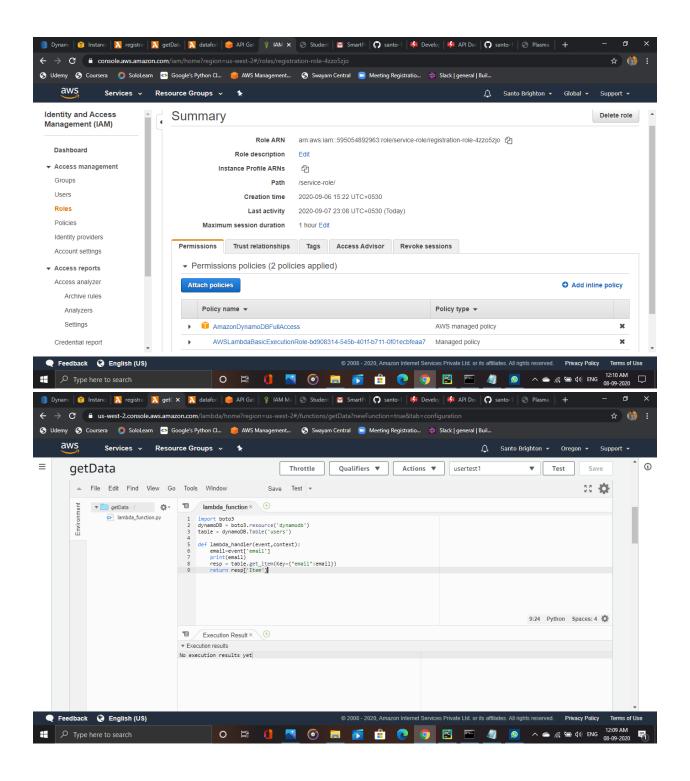


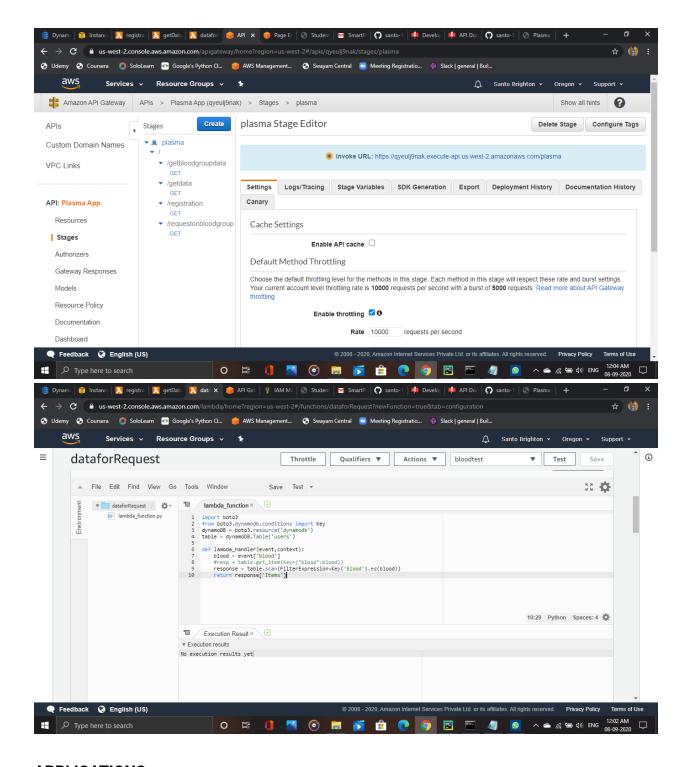












## **APPLICATIONS:**

This can be used to send the need for plasma messages directly to the volunteers through phone number which can cure the infected COVID-19 patients regardless of the time.

# **CONCLUSION:**

Thus we created a serverless computation using AWS for plasma donation.

# **FUTURE SCOPE:**

We can easily access to add, update and delete the data in future since its a serverless computing.