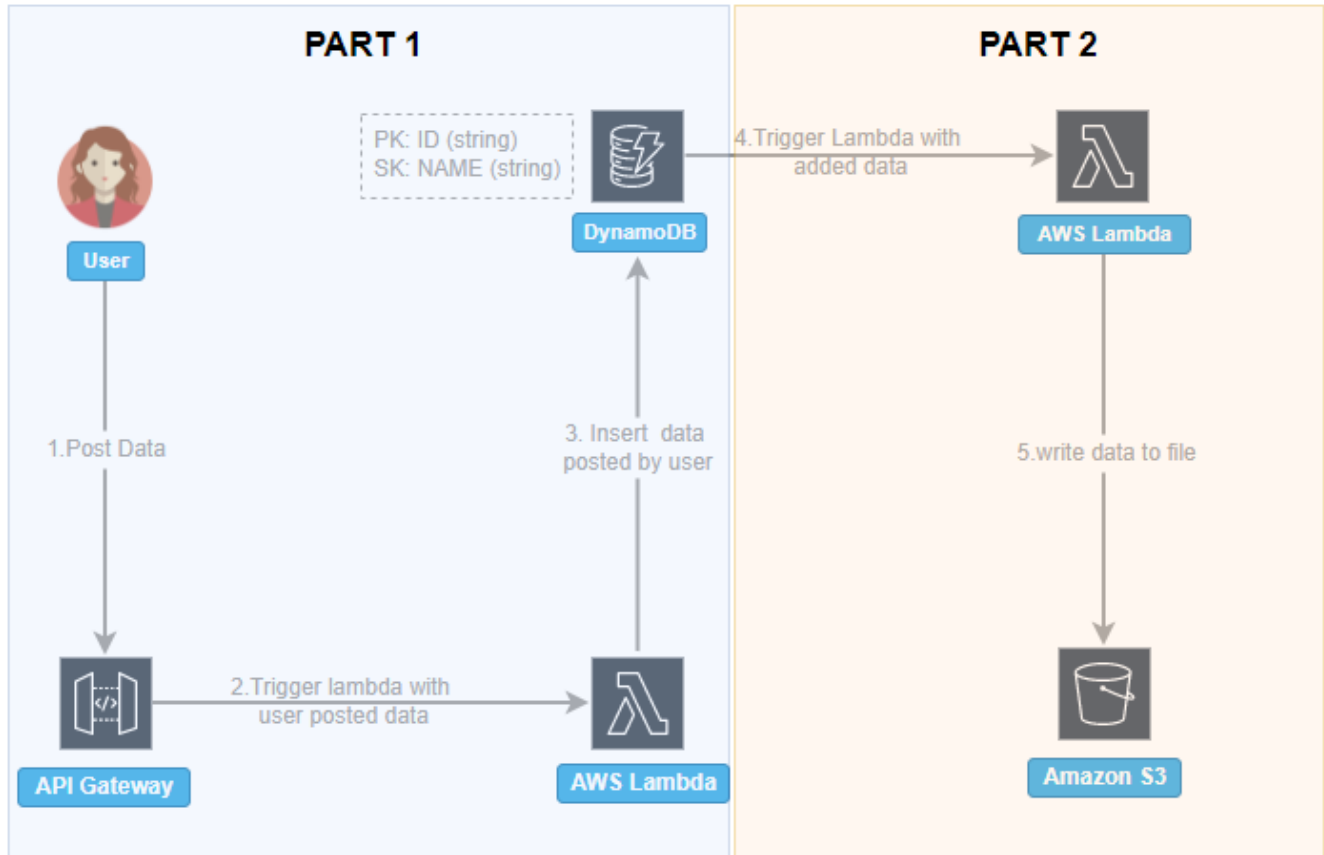# 1. Solution Overview

We are going to attempt development of following solution. This solution doesn't make much sense from functionality perspective, but our goal is to cover very basic services and develop lambda function around it to get a good start.

PART 1 :

1. User hits API gateway with POST request and sends his name in 'username' query parameter.
2. API gateway triggers lambda function with user provided data.
3. Lambda function adds user provided name in DynamoDB table

PART 2 :

1. New added name in DynamoDB table triggers a lambda function using DynamoDB streams
2. Lambda function creates a .txt file on S3 bucket with user provide name in it.

We will be only looking at part 1 in this implementation.