Statement of Work

By Alexis Collier

For MovieFlex SaaS Portal with Amazon AppStream 2.0

Date 2023 02 15

SOW #001

Summary

Collier will create a software as a service (SaaS) portal for a movie streaming corporation, Example Corp dba MovieFlex.

Objective

This project aims to let customers create an account and sign up for a web-based software subscription.

Tasks

Collier will complete the following tasks as part of this project:

* Enable website hosting using Amazon Simple Storage Service (Amazon S3).
* Set up and verify an email address identity by using Amazon SES.
* Make the streaming applications available to users who sign up for the software subscription using Amazon AppStream 2.0.
* Create a policy and role using AWS Identity and Access Management (IAM).
* Attach the IAM policy to the IAM role created.
* Create a new user pool and add an app client using Amazon Cognito, which provides user management and authentication to the AppStream streaming applications.
* Create a function using AWS Lambda, which generates a streaming URL after being authenticated through Cognito.
* Create a RESTful API using Amazon API Gateway to exchange requests between the streaming user and the Lambda function.

Deliverables

Collier will provide the following deliverables as part of this project:

* MovieFlex software as a service (SaaS) portal with Amazon AppStream 2.0

Schedule

This project will follow the estimated schedule below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Task/project phase** | **Est. start date** | **Est. end date** | **Est. hours required** |
| Host a static website | 2023 02 13 | 2023 02 13 | 3 |
| Manage users | 2023 02 13 | 2023 02 13 | 1 |
| Build a serverless backend | 2023 02 14 | 2023 02 14 | 2 |
| Deploy a RESTful API | 2023 02 14 | 2023 02 14 | 3 |
| Test your setup | 2023 02 15 | 2023 02 15 | 1 |
|  |  |  | 10 Hours |

Location

All work related to this project will occur remotely by Collier.

Budget, pricing, and payment schedule

The MovieFlex SaaS Portal with Amazon AppStream 2.0 has a budget of $5 for this project, which is not to be exceeded.

AWS will charge the following rates per deliverable:

|  |  |
| --- | --- |
| **Deliverable** | **Price** |
| MovieFlex software as a service (SaaS) portal with Amazon AppStream 2.0 (instance type and fleet type) | ~$5.00 |

Resources

Example Corp will supply the following resources to enable Collier to complete this project:

* Downloadable Example Corp website assets
* <https://aws.amazon.com/premiumsupport/knowledge-center/create-and-activate-aws-account/>
* <https://docs.aws.amazon.com/appstream2/latest/developerguide/tutorial-image-builder.html>
* <https://docs.aws.amazon.com/appstream2/latest/developerguide/set-up-stacks-fleets.html#set-up-stacks-fleets-create>
* <https://docs.aws.amazon.com/appstream2/latest/developerguide/set-up-stacks-fleets.html#set-up-stacks-fleets-install>

Project Completion

The project will be considered finished when Collier has provided the deliverables and completed up to one round of edits.