

## **Task 2**

### **1. Proposed solution:**

we are going to propose a cloud based web application where our client can access the website to mark the attendance. By using cloud we are going to provide services that are accessed .

### **2.What makes our project unique from other solutions and advantages?:**

Our project is about creating a web application, with the help of services provided by the cloud providers, through which our client will mark the attendance and access the services that are being provided.

We are using the cloud computing technology to enable the services such as

- analytic services in which we can use athena, cloud search , data pipeline, quicksearch etc.
- Application integration services in which we can maintain app flow, simple notification services, simple queue services, SWF
- Cost management services that provided the facility to use services as pay-per usage. So that using more servers when needed is much easier task.
- Compute services such as app runner, EC2 elastic bean stalk, serverless application repository etc .
- Customer enablement services that provides support to the customers.
- Database services to maintain and process bulk amount of data.
- Developer tools to build and deploy the web application. They support many languages such as python, react.js, c++ etc.
- End user computing services and front end services to design, develop, location services to the applications.
- Application migration services to migrate , merge and sync the data when needed.
- Networking and content delivery services.
- Security Identity and compliance services that secures the data from breaches and also has the disaster recovery management where the data can be retrieved even when data is lost.
- Storage services , that provides space to store all the data of the application.

This will be a complete new design that eliminates the traditional model problems.