

Week 1 submission

Project Title: " HR Management System"

Domain: " Cloud Computing"

Prepared by

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Summary of week-1 progress

Objective:

The Human Resource Management System (HRMS) aims to manage employee's information. HRMS is the most important because it provides systematic and accurate information about the employees of the organization.

First, we understood the requirements and scope of the project "HR Management System." What are the criteria and scenario of the industry and why we need this system.

After that, getting brief knowledge about different cloud service models, Cloud services assets, edge computing, virtualization, automation, operations and business logic. Discussion about the key points, features, and technologies that we need to use in web application.

Problem Statement Understood: YES

[HR Management System]

Brief about Design/ usecase study:

The Human Resource Management System (HRMS) aims to manage employee's information. HRMS is the most important because it provides systematic and accurate information about the employees of the organization. So HRMS objective are as following: -

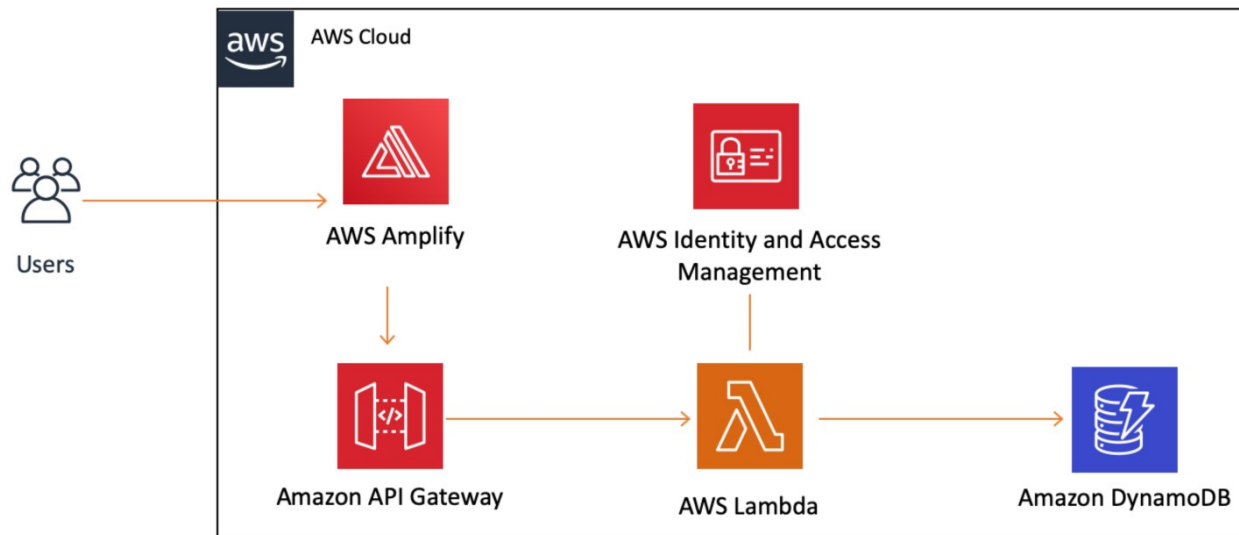
- 1.Manage the recruitment of a workforce.
- 2.Track development related to employees.
- 3.It provides reports on period-to-period details of employees.
- 4.Give training program and information to all new employees.
5. job postings
- 6.Track leave of employees.
7. Training and support to end users
8. performance evaluations

Technology:

Frontend: HTML, CSS, JavaScript, React.js, java.

Database: DynamoDB, Azure database.

Services: AWS lambda or Azure app service, EC2, S3 etc.(AWS or Azure).



Your Learning Highlights:

- i. Cloud deployment models
- ii. Cloud services assets
- iii. Cloud automation, operations and business.
- iv. Different cloud providers and its services EC2.
- v. Virtualization on servers.
- vi. How to build serverless web application using free tier.
- vii. Different service models like IaaS, PaaS and SaaS.
- viii. Edge computing

Problems Faced:

- i. By understanding the problem statement, we need to decide which cloud provider that we are familiar and suitable for our project.
- ii. What cloud service model that we need to use.
- iii. Tech stack/Technology.