Weekly Progress Report

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Domain: Cloud Computing

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Week Ending: 01

1. Overview

This week marked the beginning of my internship in Cloud Computing. My primary focus was on understanding the basics of cloud computing, its various models, and exploring Microsoft Azure as the platform for my project, which is a Health Care Management System.

2. Achievements

- Completed Reading on Cloud Computing: Thoroughly read and understood the PDF on Cloud Computing and its models provided by the LMS platform.
- Project Topic Finalized: Selected "Health Care Management System" as the project topic.
- Platform Selection: Chose Microsoft Azure as the cloud platform for implementing the project.
- Azure Account Setup: Created and configured a basic Azure account to start exploring the platform.

3. Challenges

- Understanding Cloud Models: Initially found it challenging to differentiate between IaaS, PaaS, and SaaS models and their appropriate use cases.
- Azure Navigation: The Azure portal's extensive features and services were overwhelming at first.

4. Learning Resources

- PDF on Cloud Computing: Provided by the LMS platform, it covered fundamental concepts and models of cloud computing.

- Microsoft Azure Documentation: Used Azure's official documentation and tutorials to get acquainted with the platform.

- Azure Fundamentals Learning Path: Enrolled in the Azure Fundamentals learning path on Microsoft Learn, which provided structured guidance and hands-on labs.

5. Next Week's Goal

- Deeper Dive into Azure Services: Focus on understanding core Azure services relevant to my project, such as Azure Virtual Machines, Azure SQL Database, and Azure App Services.

- Initial Project Setup: Begin setting up the basic infrastructure for the Health Care Management System on Azure.

- Networking and Security: Learn about Azure networking and security services to ensure the project's infrastructure is secure and well-connected.

By continuing with a structured learning path and hands-on practice, I aim to build a strong foundation in Azure, which will be critical for the successful implementation of my Health Care Management System project