

Weekly Progress Report

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Domain: Cloud Computing

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Weekly Report - Week 5

1. Overview

This week, I focused on integrating the frontend and backend of my Health Care Management System project and deploying the application using Azure App Services and Netlify. I studied various aspects of connecting the frontend with the backend, including CORS policy and data transfer mechanisms. My project is now live and functioning correctly.

2. Achievements

- **Integration Study:** Completed a detailed study on how to connect the frontend with the backend, ensuring seamless data transfer and interaction.
- **Azure App Services:** Learned about Azure App Services and deployed my backend on this platform.
- **Deployment:** Successfully deployed the frontend using Netlify and the backend using both Azure App Services and Netlify.
- **CORS Policy:** Gained a solid understanding of CORS policy and its implementation to facilitate secure data transfer between the frontend and backend.
- **Project Live:** My Health Care Management System project is now live and accessible at [WeCareForU](#), functioning as expected.

3. Challenges

- **Integration Issues:** Encountered challenges in ensuring seamless communication between the frontend and backend, especially with handling CORS policies.
- **Deployment Troubleshooting:** Faced some difficulties in deploying the backend on Azure App Services and ensuring it worked correctly with the frontend on Netlify.

4. Learning Resources

- **LMS Platform Documents and Videos:** Provided comprehensive materials on integrating frontend with backend, Azure App Services, and CORS policy.
- **YouTube Tutorials:** Offered practical demonstrations and detailed explanations on deploying applications using Azure App Services and Netlify.
- **Online Documentation:** Utilized official documentation for Azure App Services, Netlify, and CORS to understand best practices and advanced functionalities.

By achieving these goals, I have successfully brought my Health Care Management System project to a live, fully functional state, ready for further testing and user feedback.