



Frontend System for Mycos Plus Web Application of Mycos Technologies Company

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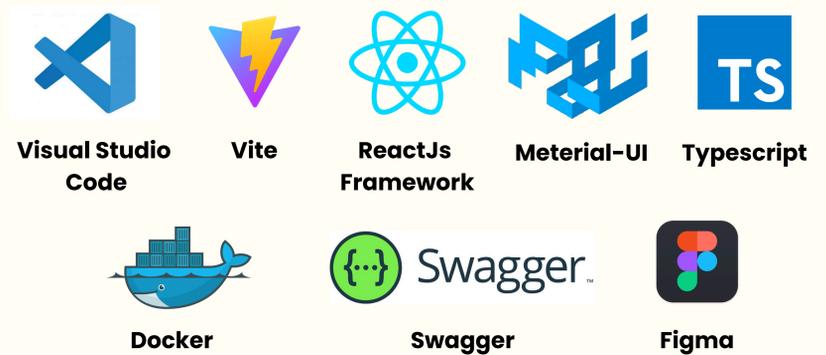
Abstract

Mycos Plus is designed to foster unity, support, and collaboration among employees. Each month, every employee receives five vote coins, which can be used to show appreciation for coworkers who have provided help or made a positive impact at work. These coins refresh monthly and can be redeemed for various rewards, such as extra days off or special benefits. Additionally, if employees are unsure who to vote for, they can create requests for assistance, allowing coworkers to contribute and earn coins based on their support. Another key feature is using vote coins to organize company activities, promoting teamwork and engagement. Additionally, system administrators can grant special coins to event participants without limitations, further enhancing a positive and inclusive workplace culture.

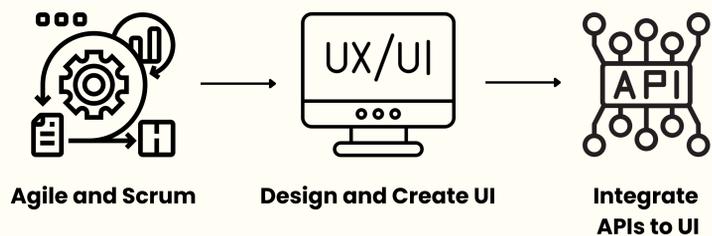
Introduction

The Mycos Plus web application arises from the company's commitment to excellence and efficiency, which has attracted numerous clients interested in collaborating with us. Consequently, the majority of employees have accumulated a significant workload, leading to decrease the interaction among staff members. This web application is designed to address these issues and foster better relationships within the company.

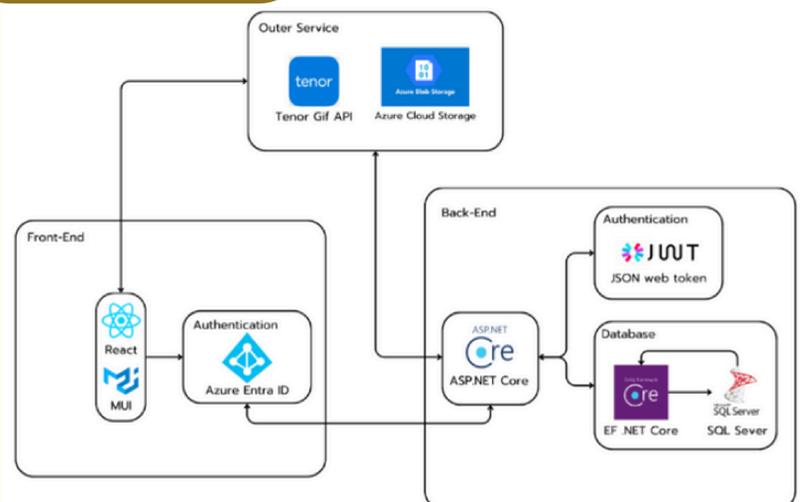
Technology



Methodology

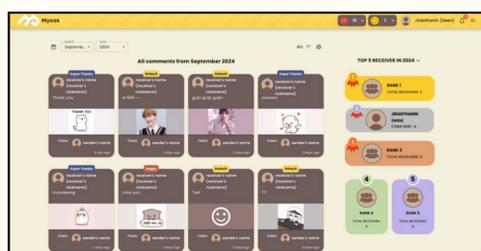


Architecture



This diagram shows a system architecture using React + MUI for the Front-End and ASP.NET Core + SQL Server for the Back-End, with Azure Entra ID and JWT for authentication and integration with Tenor GIF API and Azure Blob Storage.

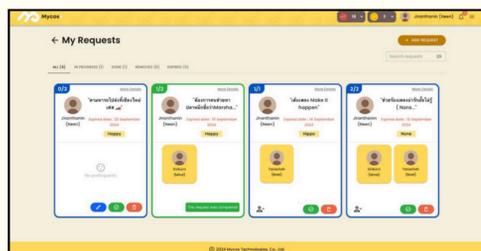
Design



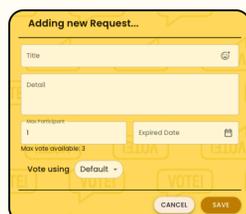
Home page



vote popup



my request page



my request popup

Conclusion

- This system is designed to meet the requirements effectively.
- This system has the capability to enhance relationships within the company significantly.
- This system can allocate functionality based on each position within the company.

References

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