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Information Technology Department



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In partial fulfillment of the requirements for a

Professional Master's Degree

In

Software Engineering

Presented by

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**Notification Center: A cloud-based notification
service for the Convergence project**

Defended on September 29th, 2023 in front of the committee members:

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Abstract

This report outlines the design and implementation of a notification center as a part of the "Convergence" project, which aims to drive digital transformation within the insurance and finance sectors while improving client engagement and optimizing internal processes. The notification center provides a scalable solution for managing and delivering tailored notifications through various channels, facilitating timely and personalized interactions. This project was made during an end-of-studies internship in order to obtain the Master's degree in Software Engineering at the Higher Institute of Computer Science and Mathematics of Monastir (ISIMM).

Keywords: Client Engagement, Notification Channels, User Segmentation, Spring Boot, Angular, PostgreSQL, Docker.