**Project Documentation**

**Rental Car Management System**

**Summary**

This document serves as a comprehensive report detailing the development and outcomes of a Rental Car Management System. The project, initiated on June 1st, and concluded on August 1st aimed to develop a fully functional Rental Car Management System using Spring Boot, a MySQL database, and containerization with Docker. The project also included creating instructional videos covering the application building process from setup to deployment.

**Project Period**

**Start Date:** June 1st

**End Date:** August 1st

**Repository and Documentation**

GitHub Repository: <https://github.com/parthasarathydNU/humanitarians-OPT-fork/tree/main/Software%20Development/VehicleRentalMgmt>

Documentation Location: All documentation, including code and resources, is available in the project's GitHub repository.

<https://github.com/parthasarathydNU/humanitarians-OPT-fork/tree/main/Software%20Development/VehicleRentalMgmt>

**Project Overview**

The project aimed to create a scalable and efficient car rental management system using modern development practices. The system was built using Spring Boot for backend development, integrated with a MySQL database for data management, and containerized using Docker for easy deployment and management. The instructional videos provided a step-by-step guide covering the entire application development process, from initial setup to final deployment.

**Conclusion**

The Car Rental Management System represents a comprehensive effort to develop a practical and functional application using state-of-the-art technologies. By incorporating Java, Spring Boot, MySQL, and Docker, the project demonstrates a robust approach to modern application development. The instructional videos aim to educate and inspire developers, fostering both theoretical understanding and practical application skills.

**Request for Offer Extension**

Considering the successful completion of the aforementioned project, and consistent with the contributions made to the development of the Car Rental Management System, I hereby formally **request an extension of my offer letter from August 1st to August 25th**. The outcomes of this project not only fulfill the probationary period requirements but also demonstrate a tangible impact through application development and educational content creation. I look forward to the opportunity to continue contributing to the mission of Abecedarian LLC and further advancing our goals in the realm of innovative software development and education.