

PROJECT CHARTER	
Project Name	StockMaster - Warehouse Inventory Management System
Date Produced	18th September, 2024
Project Goals	<ul style="list-style-type: none"><li>• Streamline inventory</li><li>• Reduce operational inefficiencies</li><li>• Optimise employee roles</li><li>• Improve customer satisfaction</li><li>• Foster business growth</li></ul>
Project Objectives	<ul style="list-style-type: none"><li>• Develop and deploy the Stockmaster app to monitor and update inventory status in real time.</li><li>• Minimise mismatches and the need for reordering through accurate inventory tracking and automated alerts.</li><li>• Ensure seamless communication between warehouse inventory and sales systems, providing sales staff with instant access to customer inventory data.</li><li>• Design the inventory management system to accommodate future growth and increased production volumes.</li><li>• Enable warehouse employees to focus on their core tasks by reducing time spent on manual inventory tracking.</li><li>• Reduce material waste through better inventory management and support environmentally friendly operational practices.</li></ul>
Project Constraints	<p><b>Economic Constraints:</b>The app will be cost-effective to develop, implement, and maintain within the company's budget.</p> <p><b>Regulatory Compliance:</b> The app will adhere to industry and data protection regulations, ensuring secure data storage and usage.</p> <p><b>System Reliability:</b> We will ensure the app has high uptime and can handle real-time data processing without crashes.</p> <p><b>Time Limitations:</b> We will complete the app development and deployment within a timeframe that aligns with the company's goal of increased production next year.</p> <p><b>Environmental Constraints:</b>We will limit the app's energy consumption and ensure any additional hardware aligns with sustainable practices.</p>

	<b>User Accessibility:</b> the app will be designed to accommodate users with limited technical skills, avoiding overly complex interfaces.
<b>Project Budget</b>	\$200
<b>Project Sponsor</b>	Floor Coverings International
<b>Project Manager</b>	Oluchukwu Ogana
<b>Additional Key Project Stakeholders</b>	
Internal Stakeholders: Oluchukwu Ogana (team member), Jaydon Forrester (team member), Ebelechukwu Azu-Okonkwo (team member)	
External Stakeholders: Yogesh Sharma (Customer), Flooring Covering Int'l	
<b>Overall Project Milestones</b>	<b>Dates</b>
Project Definition	18th September 2024
Finalised our business case	30th september 2024
Product Designs	14th October 2024
Project Integration	28th October 2024
Project Completed	26th November 2024
Project Documentation Completed	5th December 2024
<b>Overall Project Risks</b>	
Unauthorised access to inventory or sales data could compromise the company’s operations and customer trust.	
Inflexibility of the app to adapt to future expansions	
Integration of the different models of the application	