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TRICYCLES: ENDING UNFAIR PRICING WITH LOCATION-BASED RATES IN BULAN, SORSOGON

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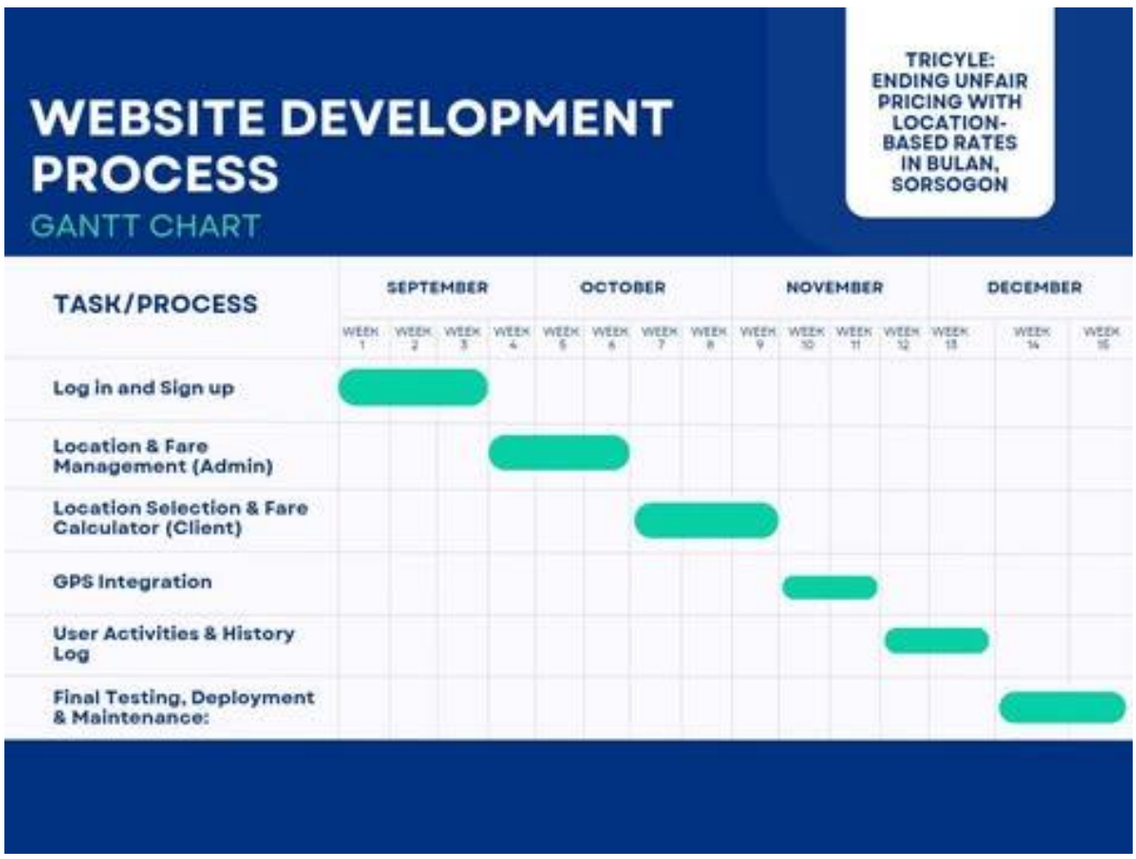

This Gantt Chart presents the website development process for the tricycle fare management system in Bulan, Sorsogon, scheduled over 15 weeks from September to December. The project begins with the creation of the log in and sign-up feature, followed by the development of the location of the fare management system for the admin. Next, the client-side location selection and fare calculator are built, leading to the integration of GPS for accurate tracking. Afterward, user activities and history log are implemented to monitor interactions. Finally, the process concludes with final testing, deployment, and maintenance to ensure the system is fully functional and reliable.

SDLC MODEL FOR "FAIR FARES FOR TRICYCLES

The **ITERATIVE MODEL** is the best choice for our tricycle fare system. This is because our system is built from several separate parts like log-in, fare calculator, and GPS.

This model lets us build and finish one part at a time. We can focus on making the login system with OTP work perfectly first, before we even start building the fare calculator. This helps us find and fix problems early.

After we finish each part, we can test it and show it to others for feedback. This makes sure we are building the system correctly from the start, instead of finding out at the very end that something is wrong. It is a safer and smarter way to build a system with many different features