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| **PROJECT CHARTER** | | |
| **Project Name** | GearShare | |
| **Date Produced** | 13 October, 2024 | |
| **Project Goals** | To develop a web-based application that enables peer-to-peer car rentals, allowing people to hire automobiles directly from other owners. This initiative attempts to tap into the sharing economy by allowing vehicle owners to monetize their vehicles while not in use, giving renters a decentralized and cost-effective alternative to standard car rental businesses. The portal will contain vehicle listings, search and booking facilities, payment choices and user-reviewed automobile ratings for renters, as well as income tracking and booking management facilities for owners. | |
| **Project Objectives** | * Create a user-friendly interface for listing and exploring available rentals based on location, vehicle type, and pricing. * Enable user reviews and ratings to build trust among users. * Allows car owners to conveniently manage their earnings and bookings of the listed vehicles. * Ensure that the platform is scalable to meet future increases in users and listings. * Set up multiple payment options between car owners and renters. | |
| **Project Constraints** | * Must follow local legal and regulatory standards for vehicle rentals. * Ensure the security and privacy of user data, especially payment information. * Provide specified functional elements based on objectives for both renters and users. * A limited budget for development, testing, and marketing. * Time restrictions to complete the job by a particular deadline within two work months. | |
| **Project Budget** | * **Development Costs**: $2,500 (Frontend & Backend Development) * **Hosting & Infrastructure**: $1,000 (Cloud Hosting, Domain, Server Maintenance) * **Third-Party Services**: $700 (Payment Gateway, Security, Notifications) * **Testing & Debugging**: $500 (Automated & Manual Testing) * **Miscellaneous**: $300 (Licenses, Initial Marketing)   **Total Budget**: $5,000 | |
| **Project Sponsor** | Yogesh Sharma | |
| **Project Manager** | Linton Dsouza  Maheen Siddique  Cirus Chakma | |
| **Additional Key Project Stakeholders** | | |
| * Vehicle Owners (Peer-to-peer service providers) * Vehicle Renters (Users looking for rental vehicles) | | |
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| **Overall Project Milestones** | | **Dates** |
| * Problem Definition and Business Case * Design Constraints and Project Charter * Initial Prototype Development * Final Design and Implementation * Project Management and Conclusion | | * October 6, 2024 * October 13, 2024 * November 3, 2024 * November 22, 2024 * December 6, 2024 |
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| **Overall Project Risks** | | |
| * **Legal Risks:** Legal risks include ensuring compliance with car rental laws and regulations. * **Quality Risks:** The automobile may not fulfill the quality scale norms. * **Security Risks:** Security issues include protecting sensitive user data, such as payment information. * **Technical Risks:** Technical hazards include potential glitches or trouble with the booking and payment system. * **Competitive risks:** Similar platforms might dominate the market as the preferred medium. * **Time-management Risks:** Time management risks include completing all essential features within the two-month timeframe. | | |
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