Proposed Title	Micro-Task Gig Connector App for Small Businesses and Gig Seekers in Bacolod City
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Project Description	**Needs/Problem:** • Small businesses in Bacolod City, such as local cafes, retail shops, and market stalls, lack affordable access to short-term labor for tasks like flyer distribution, social media content creation, or inventory checks. • Residents of Bacolod City seeking flexible, low-commitment earning opportunities lack platforms tailored for hyper-local, short-term gigs. • Existing gig platforms are complex, not optimized for Bacolod's local economy, and inaccessible to users with low-end devices or limited internet. **Proposed Solution:** • Develop a mobile app that connects small businesses in Bacolod City with gig seekers for short-term (1-2 hour) micro-tasks (e.g., flyer distribution, social media content creation, or inventory management). • Use a rule-based system with basic GPS to match tasks with gig seekers within Bacolod City (e.g., within a 5-10 km radius of the task location). • Provide a simple business dashboard for task posting and tracking, hosted on Firebase's free tier. • Ensure compatibility with low-end Android devices with limited offline support for task browsing. • Deploy as a free, open-source app to promote inclusive economic opportunities in Bacolod City. • Implement email communication for notifications and updates, alongside in-app messaging for real-time communication between businesses and gig seekers. • Enable document uploading during registration to verify user identities and qualifications (e.g., IDs, certifications). **Differentiation:** • First mobile app tailored for hyper-local micro-tasks in Bacolod City, connecting small businesses with local gig seekers. • Optimized for low-end devices with offline support, aligning with SDG 8 (decent work and economic growth). • Built with free tools (React Native, Firebase) for cost-effective development and deployment. **Benefits:** • Enhances economic opportunities for small businesses in Bacolod City by providing affordable, on-demand labor. • Offers gig seekers flexible, short-term earning opportunities to support their livelihoods. • Provides an open-source solution to foster scalability and community adoption within Bacolod City.

Objectives	General Objective To develop a mobile app with rule-based task matching to connect small businesses with gig seekers for hyper-local micro-tasks in Bacolod City, enhancing local economic opportunities. Specific Objectives 1. Analyze the needs of small businesses and gig seekers in Bacolod City for short-term, hyper-local task opportunities. 2. Design and develop a mobile app using React Native with a rule-based system for task matching based on proximity within Bacolod City, hosted on Firebase. 3. Implement a rule-based system using basic GPS to filter tasks by location (e.g., within 5-10 km), with data stored in Firebase. 4. Create a simple mobile interface for gig seekers to browse tasks and a basic business dashboard for task posting and tracking. 5. Ensure compatibility with low-end Android devices with offline support for browsing up to 50 cached tasks. 6. Pilot test the app with 5-10 gig seekers and 2-3 small businesses in Bacolod City to validate usability and engagement. 7. Deploy the app on Firebase's free tier, share the codebase on GitHub, and provide a brief in-app tutorial (1-2 screens) for businesses and gig seekers. 8. Enhance economic efficiency by enabling quick, location-based task matching for small businesses and gig seekers in Bacolod City.

	General Methods
Expected Outputs	**1. Expected Outputs** 2. **Research and Analysis**: Study the needs of small businesses and gig seekers in Bacolod City, identifying common micro-tasks (e.g., flyer distribution, inventory checks) and gaps in existing gig platforms. 3. **Development**: Use Agile methodology with React Native and Firebase to build a mobile app with rule-based task matching using basic GPS, offline support for 50 cached tasks, and a basic business dashboard. Store task data in a JSON-based format in Firebase. 4. **Testing**: Conduct usability testing with 5-10 gig seekers and 2-3 small businesses in Bacolod City, using a simple survey (5-10 questions) to validate functionality and engagement. 5. **Deployment**: Host the app on Firebase's free tier, share the codebase on GitHub for open-source access, and include a 1-2 screen in-app tutorial. 6. **Training**: Provide a brief in-app guide for businesses to post tasks and for gig seekers to find and complete tasks.