

Proposed Title	PalayKita: Mobile App for Rice Sales and Farm Income Monitoring
Proponents	Kay-C D. Balsomo
Institution	Carlos Hilado Memorial State University
Project Description	<p>Needs/ Problem</p> <ol style="list-style-type: none"> 1. Lack of systematic and digital record-keeping for farm income and expenses. 2. Dependence on middlemen results in lower profit margins for farmers. 3. Difficulty in tracking overall farm performance and profitability. 4. Limited access to digital tools tailored for small-scale rice farmers. <p>Proposed Solution</p> <p>This project aims to design and develop a mobile application called PalayKita, intended to assist local rice farmers in recording and monitoring their harvested rice, farm expenses, and income. The app will:</p> <ol style="list-style-type: none"> 1. Allow farmers to create a rice for sale listing where farmers can input the quantity and price of harvested rice as a record. 2. Enable recording of daily or seasonal farm expenses such as seeds, fertilizer, and labor. 3. Provide an income tracking feature to log sales and earnings. 4. Automatically calculate profit 5. Generate simple reports and summaries per harvest cycle (expenses, income, and profit). 6. Support offline functionality for areas with limited internet access, syncing data once reconnected. <p>Differentiation or Novelty</p> <ol style="list-style-type: none"> 1. Focused specifically on rice farmers and their real financial needs. 2. Integrates sales, expense tracking, and profit computation in one system. 3. Farmer-friendly interface—simple, visual, and usable offline. 4. Empowers farmers to sell directly to buyers, reducing reliance on middlemen. 5. Serves as a foundation for future agricultural digital solutions, such as production forecasting or cooperative integration. <p>Benefits and Significance</p> <ol style="list-style-type: none"> 1. Empowers farmers by giving them full control over pricing and sales transactions. 2. Encourages financial literacy through automatic computation of profit and loss. 3. Reduces losses from poor manual record-keeping. 4. Promotes transparency and fairness in agricultural trading. 5. Supports the digitization of rural farming operations, contributing to agricultural innovation in the Philippines.
Objectives	<p>General Objective:</p> <p>To develop a mobile application that helps rice farmers manage farm finances and sell rice directly to buyers, improving income monitoring and market access.</p> <p>Specific Objectives:</p> <ol style="list-style-type: none"> 1. Assess current practices in record-keeping and rice selling among local farmers. 2. Design a database for storing sales, income, and expense data. 3. Develop a cross-platform mobile app for rice sales and income monitoring. 4. Integrate automatic profit computation and reporting features.
	General Methods

Expected Outputs	Expected Outputs One functional PalayKita mobile app for rice sales and income monitoring. Pilot testing report with user feedback from local rice farmers. User manual and basic guide for farmers.
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