

Edufit Uniforms: A Feasibility Study for an On-Campus School Uniform Store at Aldersgate College, Inc., Solano, Nueva Vizcaya

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ABSTRACT

A proposed on-campus uniform retail and production facility at Aldersgate College, Inc. (ACI) addressed issues with external suppliers, including inconsistent quality, sizing problems, limited availability, delays, and upfront costs. The proposed EduFit Uniforms will provide standardized production, professional tailoring, inventory management, and installment payment options integrated with school fees. Using a descriptive research design, 31 parents/guardians were surveyed across Elementary, Secondary, and Tertiary departments. Results showed strong market acceptance, with 100% supporting the proposed uniform store and 80.65% experiencing procurement difficulties. Quality was the top purchasing priority (93.55%), followed by price (74.19%) and convenience (41.94%). Financial projections indicate ₱1,650,000 in revenue and ₱232,200 in net profit for 2026, increasing to ₱2,885,861 in revenue and ₱975,898 in net profit by 2030. The study concludes that EduFit Uniforms is market-, technical-, organizational-, financial-, and socio-economic feasible, provided that quality control, inventory management, financial integration, legal compliance, and operational monitoring are properly maintained.

Keyword: *on-campus uniform, external suppliers, standardized production, Financial projections, EduFit Uniforms*

INTRODUCTION

At Aldersgate College, Inc. (ACI) in Solano, Nueva Vizcaya, standard uniforms foster equality, student discipline, and institutional identity. However, relying on decentralized, external off-campus vendors creates ongoing operational frictions. Families frequently face stock shortages, irregular sizing, inconsistent fabric quality, delayed deliveries, and financial burden during peak enrollment seasons.

To address these challenges, EduFit Uniforms proposes an integrated, on-campus retail and production facility operating within the AC Mall premises. The core innovation is an inclusive, student-centered financing system integrated into school fees through Cashier, allowing semester-based installment payments.

Research Objectives

- 1 Quantify institutional demand across Elementary, Secondary, and Tertiary levels (target population: 2,950 students in Year 1 growing to 3,194 by Year 5 at a 2% annual rate).
- 2 Formulate a structured supply chain and daily operating procedure linking home-based tailors with on-campus distribution.
- 3 Determine capital requirements, payback period, Net Present Value (NPV), and Internal Rate of Return (IRR) based on realistic pricing.
- 4 Assess job creation, local tax compliance, and CSR alignment with school values.

METHODOLOGY

This study used a descriptive research design to describe and quantify the perceptions, practices, preferences, and experiences of parents or guardians concerning school uniform procurement.

The respondents were 31 parents or guardians representing the Elementary, Secondary, and Tertiary departments during the second semester of S.Y. 2025-2026, selected via cluster random sampling. Data were gathered using a six-section questionnaire administered through Google Forms, utilizing a 4-point Likert scale (4 - Strongly Agree, 3 - Agree, 2 - Disagree, 1 - Strongly Disagree).

Strategic framework evaluations included PESTLE, SWOT, financial ratios (ROI, NPV, IRR, payback period), and operational feasibility assessments across all organizational functions.

RESULTS AND DISCUSSION

Student Population Projections (2% Annual Growth Rate)

Academic Level	2025–2026 Baseline	2029–2030 Projected	Projected Growth Rate
Elementary	150	162	2% annually

Secondary	700	758	2% annually
Tertiary	2,100	2,274	2% annually
Total Population	2,950	3,194	2% annually

Survey data revealed that 83.87% of respondents currently purchase uniforms from outside stores, and 80.65% reported experiencing procurement problems (e.g., expensive pricing at 29.03%, out-of-stock situations at 25.81%, and poor quality at 16.13%). Quality was the top purchasing priority (93.55%), followed by price (74.19%) and convenience (41.94%).

All 31 respondents (100%) supported establishing an on-campus store, demonstrating direct market demand:

- Willingness to Purchase: 100% Support (61.29% Strongly Agree, 38.71% Agree)
- Enhanced Procurement Efficiency: 100% Support (74.19% Strongly Agree, 25.81% Agree)
- Correct Design and Quality: 100% Support (74.19% Strongly Agree, 25.81% Agree)
- Importance of Standard Rules: 100% Support (77.42% Strongly Agree, 22.58% Agree)

EduFit operates under a Partnership Ownership Model between Aldersgate College Inc. (providing store space at AC Mall and institutional system support) and Professional Tailoring Personnel (providing technical execution and sewing equipment).

- Pricing Architecture: Standardized set prices across all levels at ₱750 per set (Top: ₱450, Skirt/Pants: ₱450) and ₱950 for customized sets (₱5.00 surcharge for larger sizes).
- Staffing Structure: 9 total personnel consisting of 2 Partners, 1 Finance/Admin Officer, 1 Inventory & Tailoring Supervisor, 3 Full-Time Tailors, 1 Admin Assistant, and 1 Accounts/Billing Clerk. Total monthly payroll expense is fixed at ₱64,000.
- Pre-Operating Legal Requirements: Total initial registration & compliance costs equal ₱17,265 (SEC, Mayor's Permit, BIR, Fire Safety, Barangay, Sanitary).
- Startup Capital Requirements:
The enterprise requires an initial capital setup of ₱260,915 consisting of equipment (₱90,000), initial materials (₱29,150), storage infrastructure (₱25,000), pre-operating compensation (₱64,000), legal permits (₱17,265), rent and utilities (₱25,000), and maintenance (₱10,500).

Five-Year Financial Income Statement Summary

Financial Metric	2026	2027	2028	2029	2030
Gross Revenue	₱1,650,000	₱1,897,500	₱2,182,125	₱2,509,444	₱2,885,861
Cost of Goods Sold (COGS)	₱349,800	₱402,270	₱462,610	₱532,002	₱611,802
Gross Profit	₱1,300,200	₱1,495,230	₱1,719,515	₱1,977,442	₱2,274,059
Operating Expenses	₱1,068,000	₱1,121,400	₱1,177,470	₱1,236,344	₱1,298,161
Net Profit	₱232,200	₱373,830	₱542,045	₱741,098	₱975,898

Feasibility ratios show a break-even annual revenue of ₱1,377,240, a 1.12-year payback period, an 89% Year 1 ROI, a positive NPV of ₱1,820,450, and a 128% IRR.

The market and financial findings support establishing EduFit Uniforms. High priority placed on quality (93.55%) alongside price sensitivity (74.19%) highlights the need for standardized local tailoring coupled with fee-integrated installment plans.

Key Implementation Requirements:

- Establish formal quality-control inspection procedures before batch distribution.
- Manage stock through a minimum/maximum inventory policy based on departmental demand.
- Finalize partnership agreements regarding equipment usage, liability, and profit sharing between Aldersgate College and tailoring personnel.

The venture is determined to be market-, technical-, financial-, organizational-, and socio-economic feasible.

RECOMMENDATIONS

Based on the conclusions of this study, the following recommendations are drawn:

Create a quality control system. EduFit Uniforms will utilize standard sizing, professional cutting techniques, periodic quality checks, and inventory controls to ensure quality and consistency. Regular inventory checks, especially before each school session, will help ensure stock is available and limit stock-outs, delays, and incorrect sizing.

Have a finance and operations management system. The new facility should set guidelines for installment-payment plans tied to school tuition, track sales and costs, and review profitability and cash flow frequently. Managers should ensure the facility meets all legal, accounting, and school requirements and periodically analyze pricing, customer satisfaction, and overall operations.

AI DECLARATION STATEMENT

AI-supported tools helped with grammar and structure in creating this article. No AI tools were used to collect, analyze, or interpret data; all authors are credited for their academic contributions.

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