BANGLADESH ARMY UNIVERSITY OF ENGINEERING AND TECHNOLOGY

OrderNest: Pre-order Based Handmade & Custom Product Platform

Introduction

- OrderNest is a digital web-based web application designed to automate and innnade buyeus pre-orders products, connecting customers and education

Objectives

- Enhance Order & Seller Communication Flow
- Support Small Businesses with Sellers
- Difficult tracking: Scheduling & Production Notifications

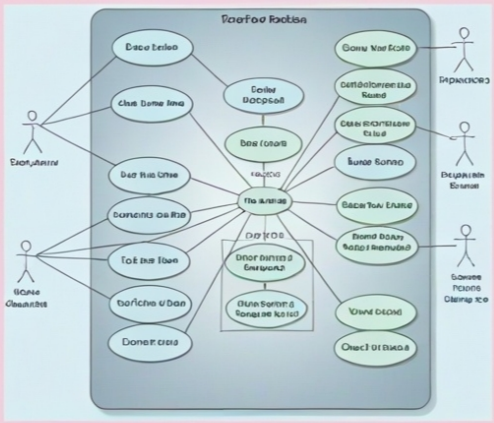
Key Problems (Existing System)

- Manual communication delays
- Questionmaires or IQAC Director for production & Artifact
- Lack of Education batches

Feasibility Study

- Technical Feasibility: High
- Selected: Candidate System (Semi-Digital)
- Bredk-Even Paint:—63 Units
- Payback Period
- Total Fixed Cest: 125,000 BDT

Use Case Diagram



Advantages

- Requires Initial User Training
- Improved Cottamunication & Tracking
- Transparent & Cost-Effective

Limitations

- Initial User Adoption Curve
- Needs Continuous IT Support & Updates

Cost-Benefit Analyais

- Tetal Cost: 58,35,000 BDT
- Total Bettefit Annually: 25,55,000 BDT
- Present Value of Total Oost: 27,0.000 BDT
- Present Vaiue of Benelit: 38,31,504 BDT
- Payback Period--2,8 Years