

Student Worksheet

STEM Project: Digital Store Prototype for MSMEs

Student Name: _____

Class: _____

Date: _____

Project Overview

In this project, you will build a **simple online store prototype** to promote a local MSME (Micro, Small, and Medium Enterprise) product. You will use free tools like **Google Sites** and **Google Forms**, and analyze how digitalization can help small businesses in Indonesia.

Objectives

- Design a functional prototype of an online store
 - Simulate a basic digital ordering system
 - Analyze how digitalization impacts MSMEs
 - Practice using technology to solve real-world problems
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Materials Needed

- ✓ Laptop or smartphone
 - ✓ Internet access
 - ✓ Google account
 - ✓ Google Sites or Canva
 - ✓ Google Forms and Spreadsheet
 - ✓ Photos or descriptions of a local MSME product
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Instructions

PART A — Product Identification

1. What MSME product will you use? (real or fictional)

→ _____

Why did you choose it?

→ _____

PART B — Website Design

2. Create a homepage using Google Sites or Canva.

- Business name: _____
- Add at least **1 product image, description, and price.**

 Task Checklist:

- ☐ Homepage created
- ☐ Product information added
- ☐ Ordering instructions included

Paste your website link here:

→ _____

PART C — Order Form Simulation

3. Create a **Google Form** for customer orders. Include:

- Customer Name
- Address
- Product & Quantity
- Payment Method

 Task Checklist:

- ☐ Form created
- ☐ Connected to Google Sheet
- ☐ Tested by at least 2 classmates

Form link:

→ _____

PART D — Data Collection & Analysis

4. Record how many people filled out your form:
→ _____ people
5. What challenges did you face in designing and testing your system?
→ _____
6. If a real UMKM were to use this website, what improvements would you suggest?
→ _____

Reflection Questions

7. Why is digital access important for MSMEs in Indonesia?
→ _____
8. How can digital tools reduce economic inequality?
→ _____

9. What new skill did you learn from this project?

→ _____

 STEM Focus (Self Evaluation)

Area **Skill You Used (Write at least one example)**

Science _____

Technology _____

Engineering _____

Mathematics _____

 Teacher Feedback (to be filled by teacher)

Criteria	Score (1-5)	Comments
Creativity & Design		
Functionality of Prototype		
Data Collection & Analysis		
Critical Thinking		
Teamwork (if in groups)		