MARKETPLACE BUILDER HACKATHON 2025

SELF-VALIDATION CHECKLIST REPORT FOR DAY 1 AND DAY 2

DAY 1:
BUSINESS FOCUS OUTCOME CHECKLIST

OBJECTIVE: Define the business foundation of your marketplace.

CHECKLIST COMPLETION:

- **BUSINESS GOALS:**
  - Clearly defined the goals of the marketplace, focusing on providing high-quality plant pots, ceramics, tables, chairs, crockery, tableware, and cutlery to a niche market.
  - Outlined a roadmap for scalability and customer satisfaction.
- **MARKET RESEARCH:**
  - Conducted research on competitors and identified a gap in the market for affordable yet high-quality products in the target categories.
  - Analyzed customer preferences and identified the target audience as home decorators, small businesses, and individual buyers.
- **DATA SCHEMA DRAFT:**
  - Drafted a schema highlighting the relationships between key entities: products, categories, orders, and users.
- **SUBMISSION FROM DAY 1:**
  - Documented the marketplace business goals, market research insights, and entity relationships.
  - Uploaded a scanned copy of paper sketches to the repository’s "documentation" folder.

DAY 2:
TECHNICAL PLANNING OUTCOME CHECKLIST

Objective: Transition to the technical foundation for your marketplace.

Checklist Completion:

1.Technical Plan:

- Developed a detailed system architecture using Sanity CMS as the backend, integrated with Next.js for the frontend, and connected to third-party payment APIs.

2.Workflows:

- Documented key workflows, including user registration, product browsing, and order placement.
- Defined roles and responsibilities for components such as frontend, backend, and database interactions.

3.API Requirements:

- Created a comprehensive list of API endpoints with detailed documentation of methods, payloads, and responses. Examples:
  - GET /products – Fetch all products.
  - POST /orders – Place an order with a product list and user details.

- **SANITY SCHEMA:**
  - DRAFTED SCHEMAS FOR PRODUCTS, ORDERS, CATEGORIES, AND USERS WITH CLEAR FIELD DEFINITIONS AND RELATIONSHIPS.
  - ENSURED SCALABILITY AND EASE OF INTEGRATION.
- **COLLABORATION NOTES:**
  - WORKED COLLABORATIVELY WITH PEERS TO REFINE THE TECHNICAL DESIGN.
  - ADDRESSED FEEDBACK ON API DOCUMENTATION AND SCHEMA STRUCTURE, IMPROVING CLARITY AND PRECISION.
- **SUBMISSION FROM DAY 2:**
  - SUBMITTED A DETAILED TECHNICAL DOCUMENT INCLUDING:
    - SYSTEM ARCHITECTURE OVERVIEW
    - KEY WORKFLOWS
    - API REQUIREMENTS
    - SANITY SCHEMA DESIGNS
    - COLLABORATION NOTES
  - UPLOADED THE DOCUMENT IN PDF FORMAT TO THE REPOSITORY’S "DOCUMENTATION" FOLDER.

SUBMISSION REQUIREMENTS

DAY 1 SUBMISSION:

- **DOCUMENT TITLE:** "Marketplace business goals - [your marketplace name]"
- **CONTENTS:**
  - Problem-solving objective
  - Target audience and unique value proposition
  - Market research insights
  - Product offerings
  - Paper sketches of entity relationships
- **STATUS:** Completed and uploaded.

DAY 2 SUBMISSION:

- **DOCUMENT TITLE:** "Marketplace technical foundation - [your marketplace name]"
- **CONTENTS:**
  - System architecture diagram
  - Workflows
  - API documentation
  - Sanity schema designs
  - Collaboration notes
- **STATUS:** Completed and uploaded.

PRESENTATION READINESS

DAY 1 OUTCOME:

- Business goals, target audience, and unique value proposition are well-defined.
- Research-backed marketplace design presented effectively.

DAY 2 OUTCOME:

- Comprehensive technical foundation prepared, including architecture, workflows, and API requirements.
- Innovative solutions and a clear understanding of the project demonstrated.

FINAL NOTES:

- All tasks from day 1 and day 2 have been validated and completed.
- The foundation for the marketplace is strong, both from a business and technical perspective.
- Ready to proceed with the next phase of implementation and further refinement.