

# Hackathon Submission Report – Governor Initiative Template 8

**Project Name:** Comforty Marketplace Builder Hackathon 2025

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## Day 1 – Laying the Foundation for Your Marketplace

**Objective:**

- Define business goals and data schema using brainstorming techniques.
- Use paper and pencil for initial planning.
- Encourage group discussions while ensuring individual submissions.

 [Day 1 Document](#)

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## Day 2 – Planning the Technical Foundation

**Objective:**

- Define technical architecture and functionalities.
- No prior coding experience required—focus on high-level planning.

 [Day 2 Document](#)

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## Day 3 – API Integration and Data Migration

**Objective:**

- Integrate APIs and migrate data into Sanity CMS.
- Ensure proper API token generation and environment configuration.

**Steps to Integrate and Migrate Data to Sanity:**

1. **Create a Project in Sanity**
  - Sign up on Sanity and create a new project.
2. **Install Sanity CLI**
  - Use `npm install -g @sanity/cli`.
3. **Generate an API Token**
  - Navigate to the API section in the Sanity dashboard and generate a new token.
4. **Set Up Environment Variables**
  - Create a `.env.local` file and add project credentials.
5. **Define Product Schema**
  - Create `sanity/schemaTypes/product.ts`.
6. **Implement Data Migration Script**
  - Write `migrate.mjs` for API data migration.
7. **Run Migration Script**
  - Execute `node migrate.mjs` to migrate data.
8. **Verify Migration in Sanity Studio**
  - Open `http://localhost:3000/studio` and confirm successful data import.

 [Day 3 Document](#)  [Day 3 Checklist](#)

 **Screenshots:** ☒ `migrate.mjs` (Data Migration Script) ☒ `.env.local` (Environment Variables) ☒ `.gitignore` (Ignored Files Configuration) ☒ `next.config.ts` (Next.js Config) ☒ `components.json` (ShadCN UI Config) ☒ `.eslintrc.json` (Linting Rules) ☒ `next-env.d.ts` (TypeScript Definitions)

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## Day 4 – Building Dynamic Frontend Components

### Objective:

- Develop UI components for the marketplace.
- Ensure adaptability for dynamic data integration.

 [Day 4 Document](#)

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## Day 5 – Testing, Error Handling, and Backend Refinement

### Objective:

- Perform functional and non-functional testing.
- Document successful and failed test cases.

 [Day 5 Document](#)  [Testing Report Sample](#)

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## Day 6 – Deployment Preparation and Staging

### Objective:

- Deploy marketplace in a staging environment.
- Ensure proper documentation and test reports.

 [Day 6 Document](#)  [Submission Link](#)  **Deadline: January 22, 2025, 11:59 AM**

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## Day 7 – Final Submission

### Objective:

- Finalize and submit all hackathon work.
- Acknowledge mentors, teaching assistants, and leadership.

 **Submission Deadline: February 8, 2025**

### Next Steps:

- Prepare for the next phase: AI Agents for Business Development.
- Focus on learning Python during the break.

 **Thank You for This Learning Journey!**