**📦 Project Name: ResellFlow**

**SaaS for Reseller Order Automation & Hosted Checkout**

**1. Executive Summary**

ResellFlow provides a hosted stock, checkout, and order management platform for small resellers.  
Our MVP enables sellers to upload stock, share their link, buyers browse and pay, with minimal effort from the seller.

The system eliminates manual DMs, lost orders, and unprofessional workflows common with Instagram/Snapchat sellers.

**2. MVP Scope (Fixed for MVP)**

✅ Seller Stock Upload (images, title, price)  
✅ Hosted Public Storefront per Seller  
✅ Basket System with Live Price Tally  
✅ Secure Checkout via Stripe (Apple Pay/Google Pay included)  
✅ Seller Order Dashboard  
✅ Basic Email Notifications (Order Confirmations)

Excluded from MVP (Post-MVP Roadmap):  
🚫 Marketplace browsing across sellers  
🚫 Custom orders  
🚫 Supplier integrations  
🚫 Subscription billing for ResellFlow SaaS itself  
🚫 Buyer account system

**3. Technical Architecture**

* **Frontend:** Next.js, Tailwind CSS
* **Backend:** FastAPI (Python), PostgreSQL
* **Storage:** Supabase (Product images)
* **Payments:** Stripe API
* **Email:** SendGrid or similar
* **Infrastructure:**
  + Docker for local dev
  + Railway (backend)
  + Vercel (frontend)

Scalable design with clear separation of concerns for future features.

**4. Development Methodology**

**MVP Phase:** Kanban-Scrum Hybrid

* Kanban board for flexible task flow
* Fixed MVP scope
* 2-week review cycles to track progress
* No new features during MVP unless critical

**Post-MVP:** Pure Scrum

* Prioritized backlog
* Sprints with demos
* Iterative feature expansion

**5. Timeline Estimate**

| **Week** | **Milestone** |
| --- | --- |
| 1 | Project scaffolding (backend & frontend setup) |
| 2 | Auth system & product upload |
| 3 | Storefront page, basket logic |
| 4 | Stripe checkout, order dashboard |
| 5 | Email notifications, testing |
| 6 | Internal alpha & first seller onboarding |

**6. Team & Roles**

| **Role** | **Responsibility** |
| --- | --- |
| Product Owner | Final MVP decisions, feature prioritization |
| Tech Lead (You) | Repo structure, code quality, architecture |
| Developer(s) | Frontend & backend feature delivery |
| QA (Optional) | Manual testing, pre-launch validation |

**7. Risks & Mitigation**

| **Risk** |  |  |  |  | **Mitigation** |
| --- | --- | --- | --- | --- | --- |
| Feature creep |  |  |  |  | Strict MVP feature freeze |
| Tech debt for scaling |  |  |  |  | Scalable repo & architecture from Day 1 |
| Payment system errors |  |  |  |  | Stripe test environment for validation |
| Slow adoption |  |  |  |  | Beta sellers selected during MVP build |

**8. Success Criteria**

✔ MVP completed & tested within 6 weeks  
✔ 3-5 real resellers onboarded for early use  
✔ Stripe payments processed successfully  
✔ Seller & buyer order flow works as expected  
✔ Positive feedback from beta users before scaling