Panel Profits - Product Requirements Document (PRD) Summary

# 1. App Overview

Name: Panel Profits  
Tagline: "Invest in Heroes, Learn Like a Pro."  
Description: A gamified financial simulation app that teaches investment through the lens of comic book history.  
Users trade fictional assets tied to superheroes, creators, and publishers while learning real-world financial principles.

# 2. Modules & Promises Checklist

| Module | Promise | Core Features | Status |
| --- | --- | --- | --- |
| Login/Registration | Secure, narrative-driven entry into the game world | Email/social login, onboarding flow, recovery | ✔ Finalized |
| Main Dashboard | Visual command center for insight and engagement | Portfolio snapshot, tickers, quick links | ✔ Finalized |
| Financial Simulation | Core gamified trading experience | Order desk, charts, analytics, real-time events | ✔ Finalized |
| Learning Modules | Educational spine merging comics and finance | Interactive lessons, badges, history timelines | ✔ Finalized |
| Historical Insights | Cultural archive that feeds gameplay | Timelines, bios, event-driven data triggers | ✔ Finalized |
| User Profile/Settings | Personalized control hub | Avatars, achievements, privacy settings | ✔ Finalized |

# 3. Time Frame (18-Month Roadmap)

| Phase | Time | Deliverables |
| --- | --- | --- |
| Phase 1: Planning & Prototyping | Months 1–3 | Finalized PRD, module promises, wireframe plan |
| Phase 2: Core Development | Months 4–6 | Login, dashboard, trading engine MVP |
| Phase 3: Beta Testing | Months 7–9 | Closed beta, UI/UX polishing, community testing |
| Phase 4: MVP Launch | Months 10–12 | Public MVP release, user analytics setup |
| Phase 5: Full Release | Months 13–18 | Full feature suite, localization, marketing push |

# 4. Frontend Documentation Summary

Frameworks: React Native (mobile), React.js (web)  
Styling: Tailwind CSS + Styled Components  
UI Libraries: NativeBase / Material-UI  
UX Goals: Intuitive, responsive, theme-driven, comic-inspired

# 5. Backend Documentation Plan

Architecture: Node.js + Express.js  
Database: PostgreSQL (relational) + Firestore (real-time)  
Auth: JWT-based with role-based access  
APIs: RESTful endpoints for login, trading, learning, insights

# 6. Wireframe Status (Figma-based)

✅ Core screens identified:  
- Login / Registration  
- Main Dashboard  
- Financial Simulation  
- Learning Modules  
- User Profile  
  
📍 Low-fidelity wireframes in progress → Day 1–2  
📍 Feedback and iteration scheduled → Day 3–4

# 7. Gamification & Evolution Strategy

Gameplay Loops: Trading → Learning → Unlock Insights → Customize Profile  
Scalability: Modular architecture and dynamic content  
Future Features: Mutual funds, hedge funds, market maker levels, AI advisors, AR/VR exploration, multiplayer  
Community/UX: Streaks, leaderboards, badges, unlockable content

# ✅ Final Checklist

- [x] Finalize PRD  
- [x] Confirm module promises  
- [x] Establish time frame & phases  
- [x] Define frontend tech stack & UI plan  
- [x] Outline backend architecture & API  
- [x] Design core screen wireframes (underway)  
- [x] Embed gamification & personalization  
- [ ] Feedback loop testing and iteration  
- [ ] Begin Phase 2 core module development