

Project Manager Assignment – Full Project Setup + Competitive UI Research (Live Walkthrough Required)

Role: Associate Project Manager

Overview

You will plan and present a Custom Inventory Management System project setup using a strict one-tool-per-task approach live during your interview. You will also conduct niche industry UI research across 3 unique sectors, listing 5 exemplary websites per sector with one-line insights.

Part 1: Project Setup (Inventory Management System)

Scenario:

Deliver a Custom Inventory Management System in 45 days, featuring:

- Product & stock tracking
- Order & supplier management
- Role-based dashboards (Admin, Manager, Sales)
- Reporting & analytics
- Responsive UI

Team:

- UI/UX Designer
- Frontend Developers (React.js)
- Full-Stack Developers (Node.js + MongoDB)

Deliverables (Live Demo)

For each function below, choose one tool you're fully proficient with, set up a real example, and be prepared to demo:

Function	Tool (Only One)	Setup Must Show
Task & Sprint Management	Trello / GitHub Projects / ClickUp	Kanban board with modules, owners, statuses
Timeline & Milestone Planning	TeamGantt / Notion Timeline / Excel Gantt	45-day visual plan with dependencies
Design Collaboration	Figma / Adobe XD	Wireframes/mockups + comment-approval flow
Dev Workflow & Source Control	GitHub / GitLab	Branching strategy, commits, PR review process
Issue & Bug Tracking	Jira / Trello	Sample tickets by priority, status, assignee
Internal Communication	Slack / Discord	Channels structure, standup/demo snippets
Documentation & Scope	Notion / Google Docs	SOW doc, change-request log, meeting minutes
HR Collaboration	Google Sheets / Greenhouse	Position tracker, candidate pipeline status
Client Feedback & Reporting	Google Sheets / Notion	Feedback log, revision tracker, status reports

Live Walkthrough Flow

1. Kickoff: From client brief → SOW
2. Task Breakdown: Sprint/module setup
3. Design → Dev Handoff: Approval & asset delivery
4. Development Tracking: Issue resolution & merges
5. Feedback Loops: Client reviews → revisions
6. QA & Delivery: Testing → deployment
7. HR Pipeline: Scaling team mid-project

Part 2: Industry-Specific UI/UX Research

Pick 3 different niche industries below. For each, do the following:

1. Research and list 5 website landing pages from the industry with strong UI
(This is to understand your design sense, so pick the best designs you like from the industries listed below)
2. Be ready to explain what can be learned or adapted from them

Example keywords to use in google

1. Best Boutique Architectural Design Firm in the USA.
2. Boutique Architectural Design Firm in New York
3. Top Boutique Architectural Design Firm in UK

Note: We've included the client project requirements below. Please ensure the landing pages (website) you select are relevant to these niches

Industries to Choose From (pick all 3):

1. Boutique Architectural Design Firm

Question	Answer
Could you please provide a detailed description of your company, including its history and any relevant information about your business?	Founded in 2010, Skyward Studios is a boutique architectural design firm specializing in modern residential and hospitality spaces. We've completed 50+ bespoke projects across urban and rural settings, with an emphasis on sustainable materials.
What makes your company stand out? Is it your competitive pricing, high-quality services, exceptional customer care, local presence, honesty, positive 5-star reviews, guarantees, or something else?	We combine award-winning aesthetics with passive-solar design, delivering both beauty and energy savings. Our transparent process and 5-star client feedback set us apart.

Your brand's special sauce. What makes your company special / unique?	In-house 3D visualization studio—clients can “walk through” their designs before construction begins.
What type of work do you focus on?	Custom luxury villas, boutique hotel interiors, and small-scale commercial showrooms.
What All Services Do You Offer?	Concept design, schematic drawings, permit documentation, 3D renders, construction administration, post-occupancy evaluation.
Owners / Partners & Their Vision	Led by principal architect Nina Rao (LEED AP) and partner Samuel Lee (M.Arch). Their vision: marry cutting-edge minimalism with local craft traditions.
Special Offers such as Discounts, Credit / Finance Options? Please elaborate.	10% early-engagement discount on master planning in Q3; zero-interest phased payment options for projects > ₹1 Cr.
Do you already have content (text, images, videos) ready for the app?	High-resolution renderings (PNG/JPG), 3D walkthrough videos (MP4), project descriptions in Word/PDF.
Do you have any specific features or functionalities in mind?	Interactive project gallery with filter by style, integrated client feedback form, live chat integration.
What does the process look like for getting a new customer?	1) Initial inquiry via website form → 2) Discovery call → 3) Site visit & concept brief → 4) Proposal & agreement → 5) Kickoff.

Preferred Working Area and Locations (Up to 10 to 20 suburbs)	South Bangalore (Indiranagar, Jayanagar), Whitefield, Koramangala, HSR Layout; also Mysore and Coorg region projects.
Who is your Target Audience?	Upscale homeowners, boutique hotel developers, premium retail brands seeking custom architectural solutions.
Key Competitors - Please list a few	Morphogenesis, The Purple Ink Studio, Cadence Architects, Biome Environmental Solutions.
Provide details regarding your qualifications, certifications, guarantees, and any other relevant information. If applicable, please include your license number.	LEED Accredited Professional, Indian Institute of Architects Member (License #IA12345), ISO-certified processes, 5-year structural guarantee on all builds.

2. Intellectual Property Law Firm

Question	Answer
Could you please provide a detailed description of your company, including its history and any relevant information about your business?	Founded in 2005, Apex IP Advocates is a boutique law practice specializing in patents, trademarks, and IP litigation. We've secured 1,000+ patents for clients in biotech, software, and manufacturing.

What makes your company stand out? Is it your competitive pricing, high-quality services, exceptional customer care, local presence, honesty, positive 5-star reviews, guarantees, or something else?	Rapid-response IP filing (24-hour draft turnaround), flat-fee packages for startups, and a track record of 98% successful grant rates.
Your brand's special sauce. What makes your company special / unique?	Our "IP Health Check"™—an annual audit service that proactively identifies portfolio weaknesses and enforces trademark watch.
What type of work do you focus on?	Patent drafting & prosecution, trademark registration, IP enforcement & litigation support.
What All Services Do You Offer?	Patentability opinions, freedom-to-operate analysis, trademark searches, licensing agreements, domain name dispute resolution, IP portfolio management.
Owners / Partners & Their Vision	Led by Senior Partner Adv. Meera Kapoor (20 yrs IP litigation) and IP strategist Rajesh Menon. Their vision: democratize IP protection for Indian innovators.
Special Offers such as Discounts, Credit / Finance Options? Please elaborate.	20% startup package discount for companies < 3 yrs old; deferred payment options until first funding round.
Do you already have content (text, images, videos) ready for the app?	Practice area write-ups in Word, attorney headshots (JPG), client testimonial videos (MP4).

Do you have any specific features or functionalities in mind?	Client portal with secure document upload, status dashboard for pending applications, e-signature for agreements.
What does the process look like for getting a new customer?	1) Online inquiry → 2) IP audit call → 3) Engagement letter → 4) Filing strategy session → 5) Filing & prosecution.
Preferred Working Area and Locations (Up to 10 to 20 suburbs)	Bangalore Central, Electronic City, Whitefield, Cambridge Tech Park, Indiranagar; plus Hyderabad and Pune satellite offices.
Who is your Target Audience?	Tech startups, biotech firms, manufacturing SMEs, solo inventors, university tech transfer offices.
Key Competitors - Please list a few	K&S Partners, Anand and Anand, Remfry & Sagar, Krishna & Saurastri Associates.
Provide details regarding your qualifications, certifications, guarantees, and any other relevant information. If applicable, please include your license number.	Bar Council of Karnataka (License #BC123456), Registered Patent Agent (Agent #PA78901), accredited mediator, 10-year malpractice insurance.

3. Renewable Energy Consulting Services

Question	Answer
Could you please provide a detailed description of your company, including its history and any relevant information about your business?	GreenGrid Consulting, established in 2012, advises on solar, wind, and bioenergy projects. We've delivered feasibility studies and EPC oversight for projects totaling 150 MW across India.
What makes your company stand out? Is it your competitive pricing, high-quality services, exceptional customer care, local presence, honesty, positive 5-star reviews, guarantees, or something else?	Deep technical expertise combined with local grid-connection know-how. We offer "one-stop" solutions from site assessment through commissioning, backed by 5-year performance guarantees.
Your brand's special sauce. What makes your company special / unique?	Our proprietary "SolarYield™" forecasting tool predicts output to within 3% accuracy, helping clients optimize O&M budgets.
What type of work do you focus on?	Feasibility studies, detailed project reports (DPRs), EPC project management, technical due diligence, O&M advisory.
What All Services Do You Offer?	Resource assessment, financial modeling, equipment procurement advisory, grid-tie applications, commissioning support, sustainability reports.
Owners / Partners & Their Vision	Founded by energy engineer Priya Nair and financial analyst Rohit Desai. Their vision: accelerate India's net-zero transition through economically viable renewables.

Special Offers such as Discounts, Credit / Finance Options? Please elaborate.	15% concession on DPR fees for community solar projects; flexible payment tied to project milestones.
Do you already have content (text, images, videos) ready for the app?	Site assessment reports (PDF), drone site imagery (JPG), client testimonial videos (MP4), SolarYield™ demo files.
Do you have any specific features or functionalities in mind?	Interactive site-feasibility map, client dashboard for real-time performance tracking, renewable calculator widget.
What does the process look like for getting a new customer?	1) Website inquiry → 2) Intro call & data request → 3) Site visit & feasibility presentation → 4) Proposal issuance → 5) Engagement & kickoff.
Preferred Working Area and Locations (Up to 10 to 20 suburbs)	Karnataka (Bengaluru Urban & Rural), Tamil Nadu (Chennai, Coimbatore), Maharashtra (Pune, Mumbai), Gujarat (Ahmedabad).
Who is your Target Audience?	Corporate C&I users, solar developers, agricultural cooperatives, municipal bodies, ESG-focused investors.
Key Competitors - Please list a few	Fourth Partner Energy, Tata Power Solar, Suzlon Energy Consulting, Amplus Solar.
Provide details regarding your qualifications, certifications, guarantees, and any other relevant information. If	CEA-registered consultant (Reg #CEA2025-RE001), GRIHA accredited, ISO 9001 & 14001 certified, Chartered Engineer (License #CE7890), 5-year performance bond.

applicable, please include your license number.	
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Submission & Interview

- **Submit:** A single link or zipped folder containing:
 - Live tool access or screenshots
 - Gantt & Kanban boards
 - Design-collab file (Figma/XD)
 - Doc/PDF with 15 URLs + one-line insights
 - **Interview:** 30–45 min live walkthrough of your setup
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