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Role : Team Leader

ArtyUs – Project Planning Document

1. Project Overview

ArtyUs is a **web-based platform** where traders can list and sell **art and craft products**—from basic stationery to canvas, resin materials, fabric paints, craft tools, and more.

The platform simplifies the buying process for artists, hobbyists, and craft enthusiasts by providing **all art & craft items in one place**. The platform also includes a **Service Provider Module** where users can find skilled craft professionals such as **resin artists, mandala artists, fabric painters, and custom artwork service providers**. This helps customers not only purchase materials but also get connected to artists for custom projects.

2. Project Objectives

- Build a centralized marketplace for art & craft traders.
 - Provide users with easy navigation and product discovery.
 - Allow traders to upload, edit, and manage their product inventory.
 - Ensure responsive and user-friendly UI.
 - Streamline checkout flow.
 - Introduce a **Service Provider Directory** for users to find craft professionals.
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3. Project Scope

Frontend Scope

- Responsive UI using **React + Next.js**
- Pages included:
 - Home page (hero section, categories)
 - Login / Signup
 - Product listing page

- Product details page
 - Add Product
 - Edit Product
 - Manage Products page
 - Service listing page
 - Add Service
 - Manage Service
 - Update Service
 - User , Trader and Service Provider Dashboards
 - Admin Dashboard
- Reusable components (Navbar, Footer)

Backend Scope (if used)

- Product API (CRUD)
 - Service Provider APIs (CRUD)
 - User authentication API
 - Image handling (upload/delete)
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4. Technology Stack

- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS
 - **Backend:** Node.js
 - **Database:** SQL
 - **Version Control:** Git + GitHub
 - **Tools:** VS Code, Postman, Figma
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5. Team Roles

Assigned roles to the team members based on their strength.

6. Work Breakdown Structure

Phase 1: Planning

Requirement gathering

- Market research
- Task breakdown
- Timeline allocation
- GitHub repo setup
- Wireframes

Phase 2: UI/Frontend Development

Project folder structure

- Global layout (Navbar, Footer)
- Home page UI
- Login/Signup UI
- Product listing UI
- Product details UI
- Add product form
- Edit product UI
- Responsiveness
- Add Service
- Service listing UI

Phase 3: Backend + Integration

- Login/Signup logic
- CRUD APIs for products
- Image upload (Clodinary)
- Connect frontend with backend

Phase 4: Testing & Review

- UI testing
- Functional testing
- Resolve bugs

Phase 5: Deployment

- Final deployment
- Project report
- Demo video preparation

7. Deliverables

- Fully responsive frontend UI
- Product and Service management features
- Clean reusable component structure
- Complete documentation
- GitHub repository
- Demo video (if required)