Web App *Proposal:*

Motif Interior Museum

ARGONTEQ

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Prepared For: Motif

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GREETINGS FROM ARGONTEQ!

Thank you for your time in checking our proposal.

We are ArgonTeq (Part of Ozi Group) and we create first-rate and superior websites and applications. To date, we have delivered 300+ projects for our global clients which have given us an immense feeling of happiness, and boast of developing some of the big brand with millions of views.

In this proposal, you'll see information about ArgonTeq, our services, project description, development process, pricing, terms, and conditions.

We look forward to talking with you.

Sincerely, ArgonTeq

For over 10+ years, we've been developing new technology and helping Enterprises, Governments, NGOs and Startups, globally from all sizes to grow and achieve their goals in the form of users, subscription and revenue. Our mission is to provide companies with cutting-edge services that will enable you to achieve your goals via digital means.

We architect digital solutions that are not just software, but strategic assets. Our services are the catalysts that will ignite your business's potential, paving the way for a future defined by resilience, agility, and sustained growth. Argon empowers businesses. We craft custom software and integrate cutting-edge tech to optimize processes and achieve your goals.

On average, our developers have 10,000+ hours of coding experience with the team of 120+ professionals.

We strongly believe that our proficient technical practices fetch promising results for you. No matter where you start from, we ensure that where you reach must be noticeable and appreciable.

At ArgonTeq, we believe in a thorough approach that provides our clients with as much engagement as they request. While our entire team will be developing your web/app, we will assign a project lead who will be your main point of contact.

1. Project Understanding

The proposed web application is an internal product designed for managing and displaying artworks in a physical gallery. The primary users are gallery administrators and buyers, with no public-facing features. The application will facilitate the management of artworks, generation of QR codes, and handling of buyer preferences and inquiries.

2. Requirements Analysis

2.1 User Roles & Permissions

- **Admin**:
  - Manage artwork listings (upload, edit, delete).
  - View and analyze gallery metrics.
  - Handle user queries.
  - Update gallery details.
  - Generate QR codes for artworks, which will be printed and placed under each piece in the gallery.
- **Visitors**:
  - Scan QR codes placed in the gallery to view details about specific artworks, such as descriptions and artist information.
- **Buyers**:
  - Contact gallery members to purchase artwork physically.
  - Log in or sign up to update their art preferences.
  - Mark an artwork as sold, pending admin approval.

2.2 Functional Requirements

- **Artwork Management**:
  - Admins can manage the artwork inventory, including adding new pieces, updating details, and removing listings.
  - Admins can generate QR codes linked to each artwork, which will provide detailed information when scanned by visitors.
- **QR Code Integration**:
  - QR codes will be generated for each artwork and can be printed for display in the physical gallery.

- o Visitors who scan these codes will be directed to a web page displaying the artwork's details.
- **User Authentication**:
  - o Buyers can register, log in, and manage their profiles and preferences.
  - o Admins can manage buyer activities, such as marking an artwork as sold.
- **Buyer Preferences & Sales**:
  - o Buyers can update their preferences for artwork.
  - o Buyers can mark an artwork as sold, subject to admin approval.

2.3 Non-Functional Requirements

- **Performance**:
  - o Ensure the web application is responsive and performs well on different devices.
- **Security**:
  - o Implement robust authentication measures to protect user data and administrative functions.
- **Usability**:
  - o The design will focus on simplicity and ease of use for both admins and buyers.

3. Technical Approach

3.1 Frontend (React.js)

- **Component-based Design**: The application will be structured with reusable components, making it easy to maintain and scale.
- **Responsive Design**: Ensure the application works seamlessly across various devices.

3.2 Backend (Python-Django)

- **REST API**: Develop a RESTful API to manage data flow between the frontend and backend.
- **Authentication**: Use Django's built-in authentication system with JWT for managing sessions.
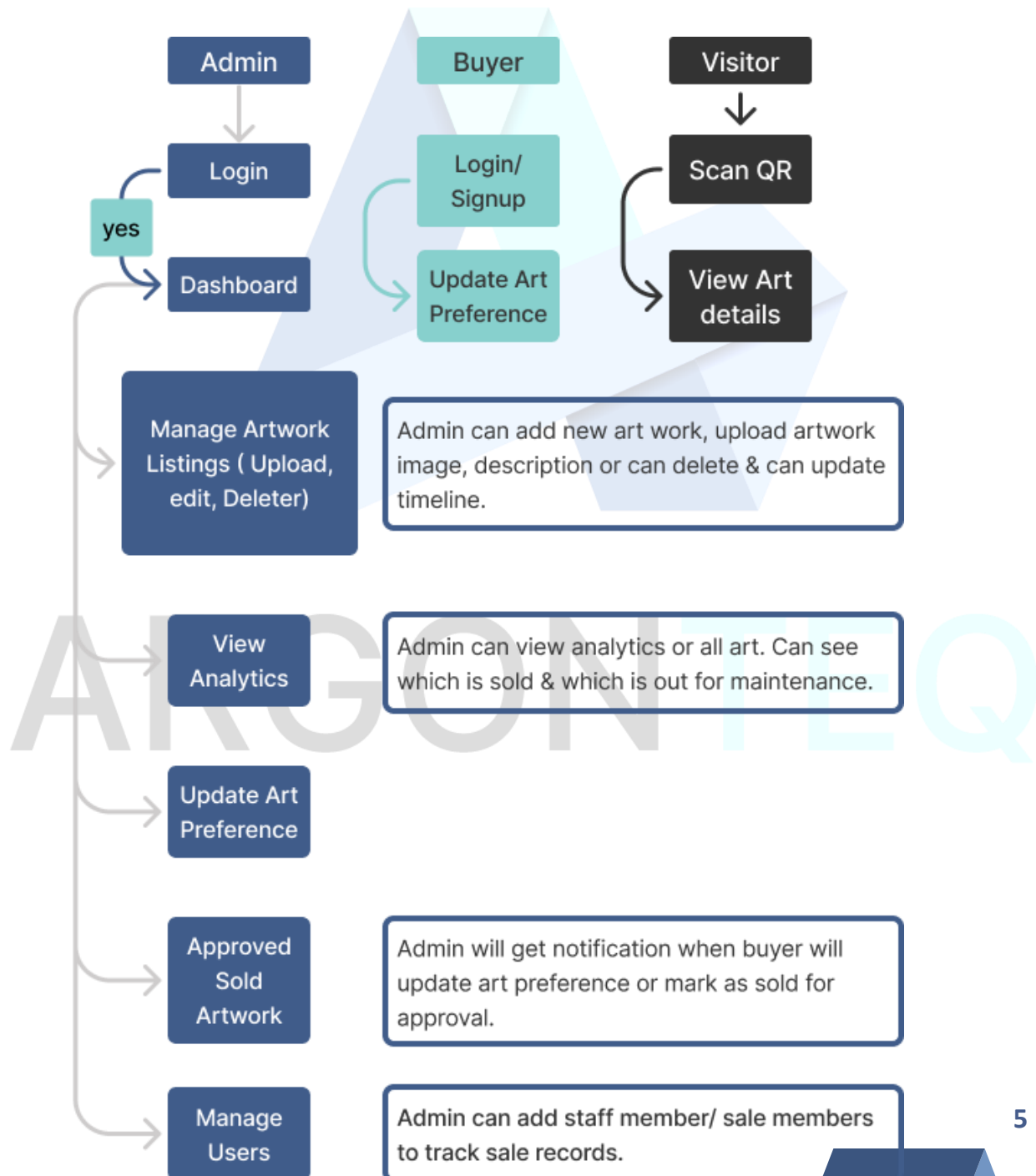- **Admin Dashboard**: A dedicated interface for admins to manage artworks, buyers, and gallery data.

3.3 Database (SQL)

- **Schema Design**: Design a database schema that efficiently manages artwork details, QR codes, user data, and transaction logs.
- **Data Integrity**: Ensure that all database operations maintain data integrity and consistency.

3.4 Design & Prototyping (Figma)

- **Wireframes & Mockups**: Develop wireframes and high-fidelity mockups to visualize the application layout and user flow.
- **Prototyping**: Create interactive prototypes to simulate the application and gather early feedback.

4. User Flow

Development Cost

This budget covers 14 days (8 hour per day) **112 hours** of work at a rate of **$25** per hour. Total Cost will be **30$x112 hours = 3360$.**

Milestone

UI/UX Design & Prototyping: 2 weeks
Frontend Development: 3 weeks
Backend Development: 4 weeks
Database Setup & Integration: 1 week
QR Code Generation & Integration: 1 week
Testing & Quality Assurance: 2 weeks
Deployment: 1 week
Post-launch Support: Ongoing

Required Client Deliverables:

- Web based Admin for art management.

Timeline

Total Duration: Approximately 2-3 Weeks

Note: Hosting & Infrastructure cost excluded.

Acknowledgements

ArgonTeq acknowledges implementing the following services (Kindly refer to Project Description page).

Pricing

The total amount would be **USD 3360**

Warranty of Services

ArgonTeq assures that the services offered will be in excellent and first-rate quality. For changes in the way of how we render our service, please notify the company. If you are not satisfied with our work, kindly let us know so that we can further assist you.

IPR

ArgonTeq acknowledges that all intellectual property rights in the work product, including but not limited to software, documentation, and other materials created by the agency, will be owned by the client. ArgonTeq hereby assigns and transfers all intellectual property rights in the work product to the client.

Amendments

This Proposal can only be change or modified by the company ArgonTeq. A new proposal will be made if the clients wish to change the content of the document.

Client : Motif

Date: July 27, 2024

Signature

Sale : Furqan

Date: July 27, 2024

Signature