

Case Study | Bidsyn

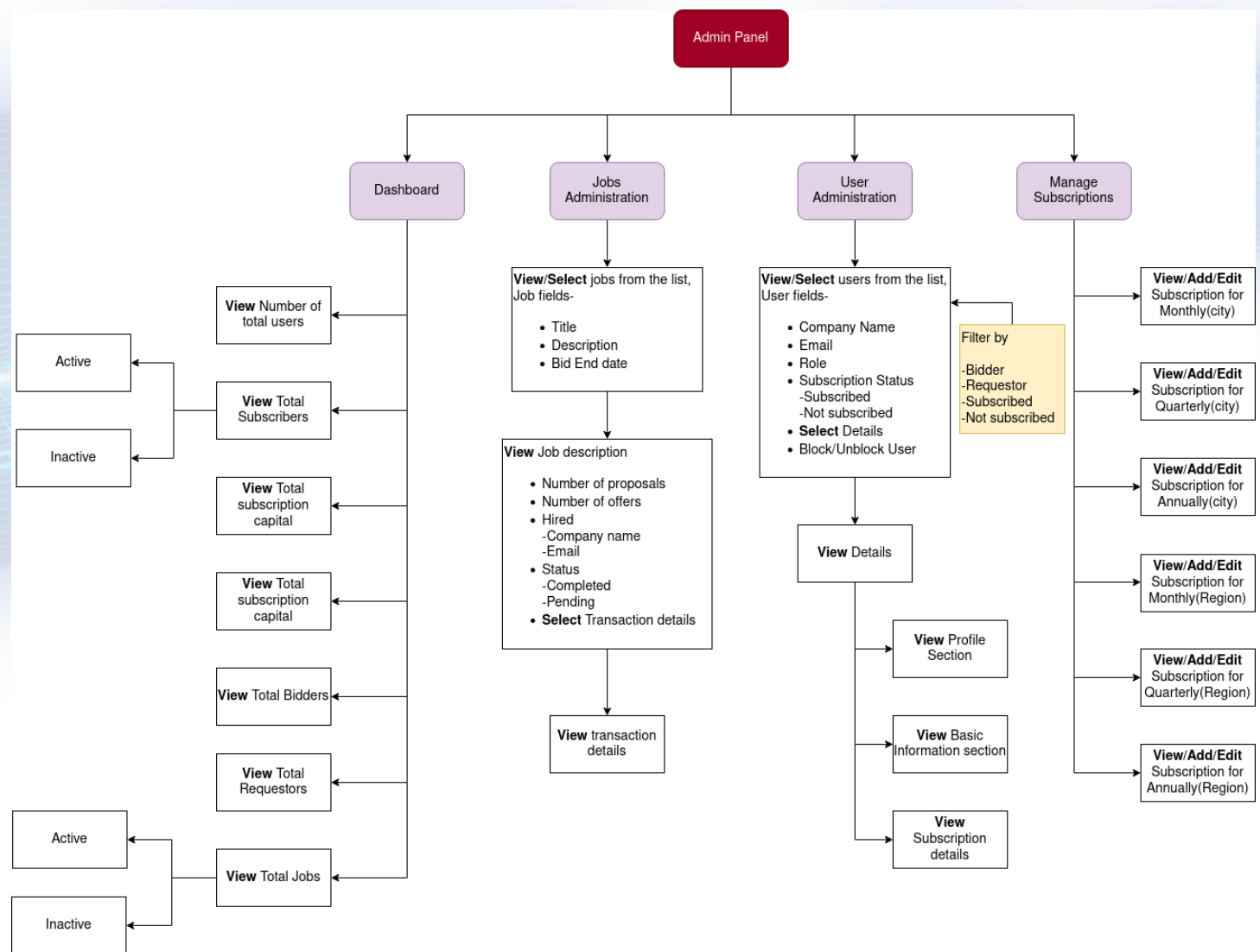
Online freelancing platform with job search and bidding capabilities integrated on smart contracts to provide a trustless experience to the users.

BidSyn

About the application

This application is an online freelancing platform that connects businesses and individuals with independent professionals from various fields. It serves as a marketplace where clients can post job listings or projects, and freelancers can bid on those opportunities to provide their services. Bidsyn provides a platform for remote work, allowing clients to access a global pool of talent and freelancers to find work opportunities regardless of their geographical location.

Below is the high level flowchart of our application's Admin module:



Summary

Users:

Requestor, Bidder, Administrator

Tech Stack:

Next.js , Node.js, MongoDB, AWS cloud, S3 bucket, Solidity

Team Size (5 Oodlites)

1 Project Manager, 1 Lead Backend Developer, 1 Frontend Developer, 1 QA Engineer, 1 Business Analyst

Scope of Work

Requestor : Requesters initiate the process by posting job listings or projects on Bidsyn. They provide details about the project requirements, scope, deliverables, budget, and timeline. Clients also review the proposals submitted by freelancers and evaluate their skills, experience, portfolios, and rates. They have the responsibility of selecting the most suitable freelancer(s) for their project. Requestors are responsible for making timely payments to freelancers for the work completed. Bidsyn provides payment processing services, allowing clients to securely pay freelancers through the platform.

Bidder : Bidders create a compelling and detailed freelancer profile that showcases their skills, experience, portfolio, and expertise. Highlighting their qualifications, certifications, and relevant work samples to attract clients. Bidders browse through job listings or projects posted by clients and submit proposals for the ones that align with their skills and interests. Then, Bidders execute the project tasks according to the agreed-upon scope, timeline, and quality standards. Meet project milestones and deliverables as per the client's requirements. If needed, provide progress reports, work samples, or prototypes to keep the client informed.

Administrator: The Admin user has full control of managing and maintaining the Upwork platform, ensuring its smooth operation and functionality. They handle technical aspects, platform updates, and security measures to provide a reliable and secure environment for clients and freelancers.

Let's discuss about top functionalities offered

Backend Development

Client required dedicated backend interfaces for Requesters and Bidders as well as admin users with role-based access to select features.

Frontend Development

Client required dedicated frontend interfaces for Requesters and Bidders as well as admin users.

Smart Contract Development

Clients require dedicated smart contracts for the trustless interaction between the users on the platform as all the transactions are irreversible and open to all.

Job posting

Requesters can create job postings or projects, specifying the requirements, scope, budget, and timeline. They can provide details about the skills they are seeking and the specific tasks involved. Once a job created and a bidder is hired on it, that job cannot be removed from the platform, in order to make the platform trustable and efficient.

Title Skills Scope Location Budget Documents

Write a title for your Bid

Fill Title

We'll match you with candidates that specialize as per your title

Discription

Discription

Home

Bidders

Your Plan

Current PlanBasic

PostedDraft

Create Job

Youtube Intro & Outro

Proposals: 12 Messages: 24 Hired: 4

A dedicated worker who will give an extra mile for your company in order to achieve our common goal. A sales person by profession who enjoys writing articles.

View more

Youtube Intro & Outro


Proposals: 12 Messages: 24 Hired: 4

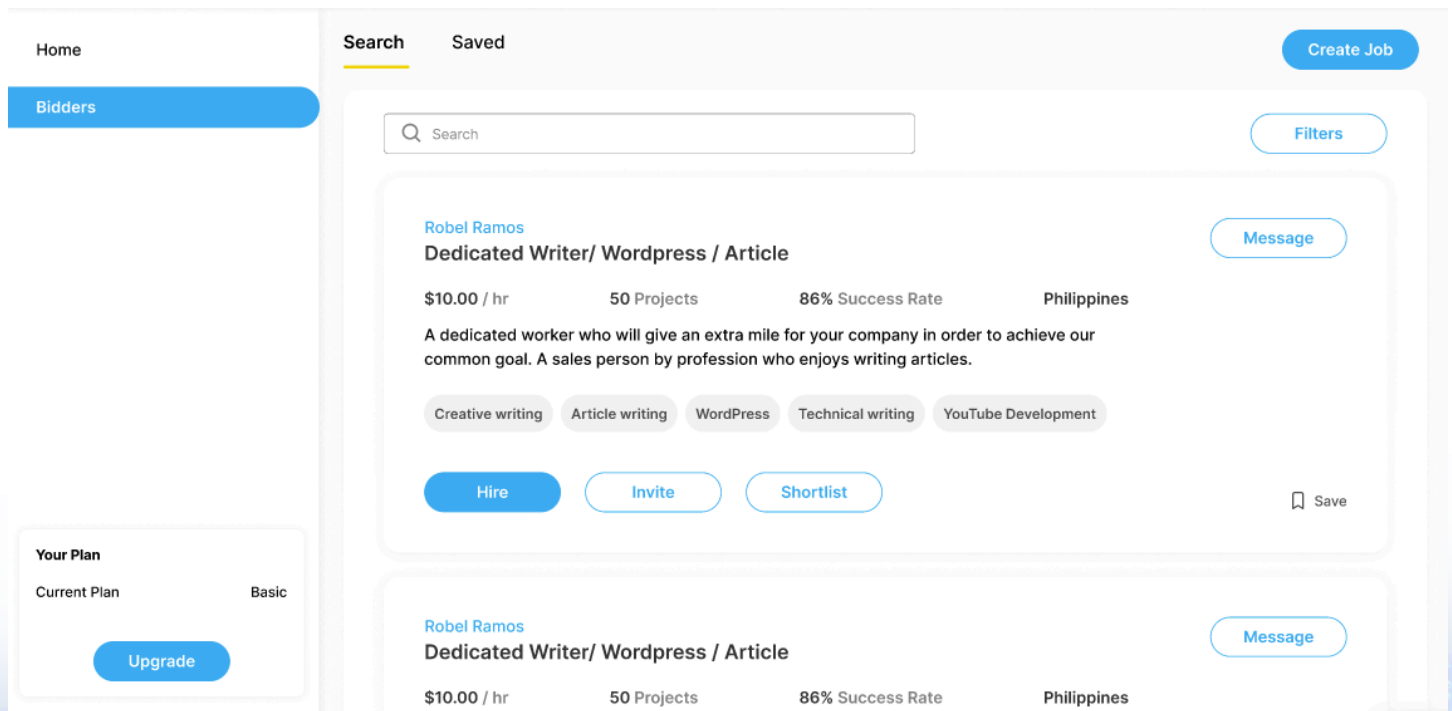
A dedicated worker who will give an extra mile for your company in order to achieve our common goal. A sales person by profession who enjoys writing articles.

View more

Bidder search

Requesters can browse through the profiles of numerous bidders according to the requirement filters and find the right person for the job.

 OodlesBlockchain



Offer functionality

Requesters can also send the offers to the bidders of their choice and reach an agreement for the jobs. Bidder can accept the offer or communicate with the requesters if negotiations are required.

Youtube Intro & Outro

[Message](#)

[Project Details](#)

Fixed Price: **\$200** Project duration: **3 Month**

Description

A Full-Stack developer is a professional responsible for working on both front-end and back-end development processes.

They design, develop, and maintain fully-fledged and functioning platforms with databases or servers. These servers do not need other third-party applications to build an entire system from scratch.

Skills

[Creative writing](#)[Article writing](#)[WordPress](#)[Technical writing](#)[YouTube Development](#)

Payment Details

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

28\$

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

28\$

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

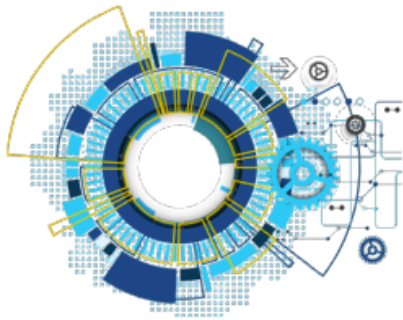
28\$

[Accept](#)[Reject](#)

Job Proposals functionality

Bidders can search the jobs posted on the platform and find work of their choice, bidders can also send the proposals to the requesters for job requests specifying their hourly/fixed rate and other relevant details.

Bid Opportunity Details



Full Stack JavaScript Developer

Bid ID : RFP-ISDP5089C-KR-0-2019/KR

Description : Upwork has partnered with one of our Enterprise level clients that implements sustainable procurement programs by identifying and efficiently redeploying underutilized assets...

[Download details](#)

[Send Proposal](#)

Time Remaining : **6 Days**

Published Date : **30 June, 2022**

Bidding End Date : **10 July, 2022**

Job Type : **Fixed Price**

Est. Budget : **\$2000**

[Messages](#)

Tech Developers.Ltd

United States

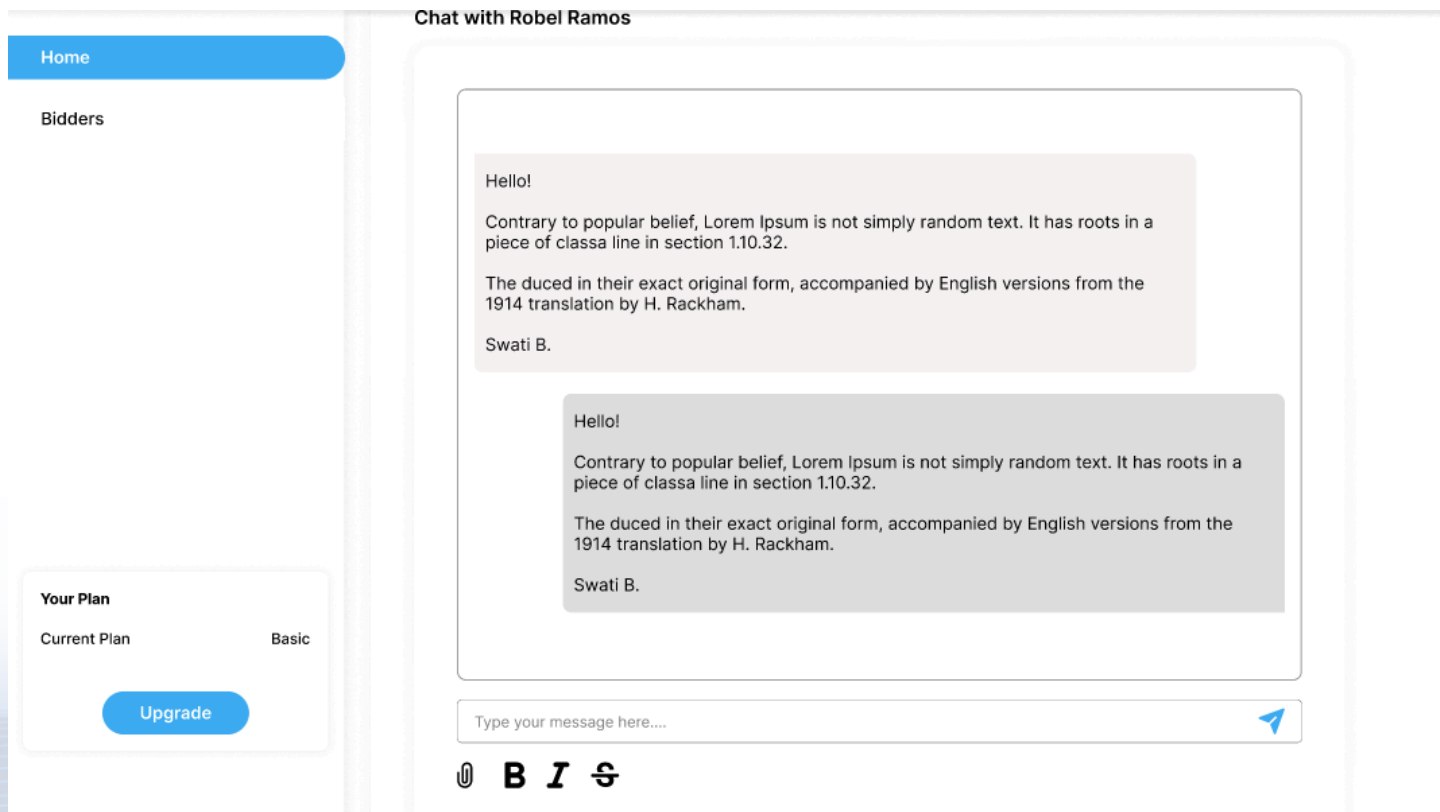
County of Ramsey/City of Saint Paul | Saint Paul, MN

IT Industry

Fixed Price: **Kyle Rahne** Contact No.: **202-555-0118**

Real time messaging functionality

Bidders and requesters can communicate with each other using the messaging functionality on the platform



Payment gateway

Bidsyn has provided its users a safe and trustable payment gateway for smooth and efficient transactions, all payments are on smart contracts for trustless flow of business. Requesters can also choose the milestone type of payment in which a requester release the funds only when the previous milestone is completed and the bidder shall have to show the proof of work as well.

Youtube Intro & Outro

A dedicated worker who will give an extra mile for your company in order to achieve our common goal. A sales person by profession who enjoys writing articles.

[Project Details](#)

Contract Terms

Payment Option

Hourly: **34\$/hr** Payment Details: **Milestone**

Weekly Limit

40 hrs/week

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

28\$

Completed

✔ Paid

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

28\$

Ongoing

🕒 Due

Milestone Description

I require a youtube Intro & Outro for Youtube Video Series. it is required

Due Date

14 November 2022

Amount

28\$

Pending

🕒 Due