EXAMPLE: WEB3-ENABLE TABOR100 BUSINESSES

Problem Statement: As a minority-owned small business, navigating the complexities of the construction industry and gaining access to key knowledge, resources and capital is a real challenge.

Solution Statement: Create a comprehensive support infrastructure using advanced Web3 and AI services to greatly automate the operations life cycle, giving my business a strategic advantage.

with ArcBlock

PHASE 1: GATHER REQUIREMENTS FROM KEY PARTICIPANTES - FOR WEB3 AND AI AUTOMATION

IDENTIFY KEY PERSONAS:

- Ownership and Project Management
- Field Operations (Tradespeople)
- Safety and Quality Control Personnel
- Administrative and Support Personnel

IDENTIFY CORE OPERATIONAL STEPS (and related knowledge base / best-practice data sources):

Pre-Construction Phase:
- Estimating and bidding on projects, which requires accurately calculating materials, labor, equipment, and overhead costs
- Contract negotiation and securing proper insurance and bonding
- Obtaining necessary permits and ensuring regulatory compliance
- Project planning including scheduling, resource allocation, and subcontractor coordination

Construction Phase:
- Managing day-to-day site operations and workforce scheduling
- Procuring and managing materials and equipment
- Quality control and safety management
- Progress tracking and documentation
- Communication with clients, subcontractors, and suppliers
- Handling change orders and scope adjustments

Post-Construction Phase:
- Final inspections; punch list completion
- Client handover and warranty mgmt
- Invoicing and payment collection
- Project closeout documentation

Ongoing Operations:
- Cash flow management and accounting
- Equipment maintenance and fleet mgmt
- Employee recruitment, training and retention
- Marketing and business development

PHASE 2: BUILD A PROOF OF CONCEPT WITH WEB3 AND AI SOLUTIONING

1A: CREATE A DECENTRALIZED IDENTITY (DID) FOR YOUR BUSINESS, WORKER PROFILES

My Business Profile Characteristics:
- Business Name and Company Details
- Capabilities Statement
- Mission Statement
- Key Challenges / Areas to Improve
- 5-Year Plan / Business Goals
- Related Partners and Organizations
- Key Websites we Visit / Work In
- Required Trainings / Certifications

1B: BUILD & USE AI CRAWLERS FOR ADVANCING YOUR WORK

"Scan this website to find the most appropriate projects I should bid for, based on our company skills/profile"

SAM.GOV®

NOTE: OUR AI SERVICES WILL LEVERAGE ALL THE BEST OPEN-SOURCE SERVICES:

OpenAI · deepseek · ANTHROP\C · AWS Bedrock · Gemini · Ollama

2: CREATE AN AI AGENT THAT ASSISTS YOU THROUGHOUT THE BUSINESS LIFECYCLE

Q: Can you provide me some specific strategies on managing cash flow?

Q: How do I improve my estimating accuracy when bidding on projects?

[get personalized response, based on your DID profile]

3: BUILD A BLACK BUSINESS BLOCKCHAIN DIRECTORY THAT PROMOTES THOSE BUSINESSES

NOTE: this can be expanded to all sorts of businesses (with DIDs).

- Retailers, Non-Profits
- Artists, Designers
- Construction, Real Estate
- Accounting, Legal Svcs.

Leverage AI to anticipate needs, find and select black-owned businesses (ex. predictive analytics).

Maintain black wealth in the community end to end; foster growth in new areas.

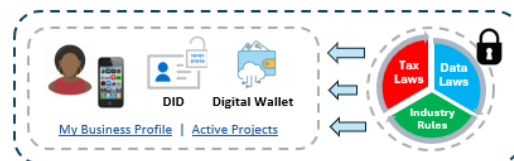**Control the Money Multiplier Effect!**

PHASE 3: LOAD SAMPLE DATA AND TEST

Create comprehensive, end-to-end data points that represent real-world scenarios, and allow for Tabor businesses to create DIDs for their businesses. Then test the platform extensively.

PHASE 4: PREP FOR PRODUCTION USE

Along with prepping Tabor100 resources and businesses on its use via training, we can build into the platform various rules and regulations.

My Business Profile | Active Projects — DID, Digital Wallet — Tax Laws, Data Laws, Industry Rules

PHASE 5: PRODUCT / SERVICES ROLLOUT

NOTE: we can offer this as a completed solution that Tabor licenses out to PubSec organizations.

- AI Crawlers
- DID Creation Services
- Crypto and Digital Wallet Services
- Chatbot / AI Agent Services
- Data / Server Hosting, App and Website Build Services