ZK Future Diary

Your New Way to Design the Future

Presented by: Tomoya Kobayashi

To design your future, your first need is a goal, right?	

Do you really want to go through the hassle?

Do you want to create a whole schedule just to reach that goal?

ZK Future Diary ...

Goal Achievement Engine with AI & Zero-Knowledge

Al creates schedules for you based on your goals. Just set your goals, follow the plan, and achieve your objectives, with your privacy fully protected.

Example

If you want to diet..., This is your schedule.

If you complete each task, verify it! Time, location, activity.

create image verify time verify activity verify location 07:30: ジョギング: 近くのランニングコース

verify activity

verify location

09:00: シャワー: 自宅

verify time

create image

create image verify time verify activity verify location

09:30: 仕事: 会社

create image verify time verify activity verify location

12:00: 昼食: 会社の食堂

create image verify time verify activity verify location

13:00: 仕事: 会社

create image verify time verify activity verify location

15:00: スナック: 自宅

create image verify time verify activity verify location

17:00: ジム: 近くのフィットネスクラブ

Key Features

- **Privacy Protection:** o1js helps securely and privately verify data like location, time, and images.
- Multi-Factor Verification: Combines data from location, time, and images to confirm each task from different angles.

Demo(verify time)

If you went to the gym at 17:05 in a fitness club, let's prove time, activity, location. by the hour, 17:05 falls within the 17:00 to 18:00 time range.



Demo(verify time)

Get signature and startTime and endTime from oracle API.
Use TimeOracle
Contract, verify your time is 17:00 - 18:00.

index-43500bb48e0c213f.js:396

{data: {···}, signature: '7mXGz6TcFQ7vuktgyuZJTN29cfp2ap2A1G26EiPYjXFSZ7mAnyTkyMF7AJgzB7cVxKqnDPWemoSkTN8kQm8KLJv8kYEfhc
7b', publicKey: 'B62qiqNhiinraL2BhyfcLN5gaxBnKPbkMcpNrK14bkgLDihbTRN9Udv'}

{signature: '7mXGz6TcFQ7vuktgyuZJTN29cfp2ap2A1G26EiPYjXFSZ7mAnyTkyMF7AJgzB7cVxKqnDPWemoSkTN8kQm8KLJv8kYEfhc7b', startTi
me: '1724763600', endTime: '1724767200', targetStartTimestamp: 1724763600, targetEndTimestamp: 1724767200}

{signature: '7mXGz6TcFQ7vuktgyuZJTN29cfp2ap2A1G26EiPYjXFSZ7mAnyTkyMF7AJgzB7cVxKqnDPWemoSkTN8kQm8KLJv8kYEfhc7b', startTi
me: '1724763600', endTime: '1724767200', targetStartTimestamp: 1724763600, targetEndTimestamp: 1724767200}

Creating proof...

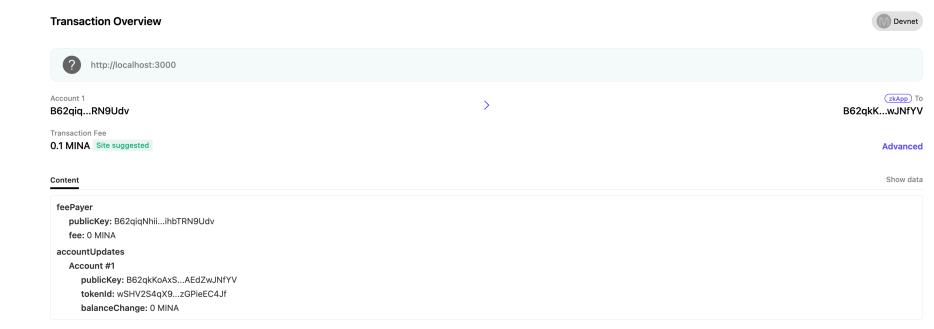
index-43500bb48e0c213f.js:405

Requesting send transaction JS0N...

index-43500bb48e0c213f.js:409

Demo(verify time)

You can prove.



Cancel

Confirm

Future Vision

- 1. **Personalized Schedules**: Al will watch your actions and surroundings into make better schedules just for you.
- 2. **Automatic Updates**: Just like Google Maps reroutes you when you take a different path, Al will adjust your schedule automatically to keep you on track.
- 3. **Teamwork Support**: Al helps the team work together. It tells you when it's your turn to start after someone else finishes, all while keeping everyone's privacy safe.

Q&A

Open the floor for questions and discussions.

https://zkfuturediary-3tomchas-projects.vercel.app/



![bg right:70% 100%]