ZK Future Diary

Your New Way to Design the Future

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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

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

| 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

| create image | verify time | verify activity | verify location |

09:00: シャワー: 自宅

| 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

Example

If you want to diet..., This is your schedule.
If you complete each task, verify it! Time, location, activity.

Demo(verify time)

If you went to the gym at 17:05 in a fitness club, First, let's prove you were gym at 17:00 - 18:00
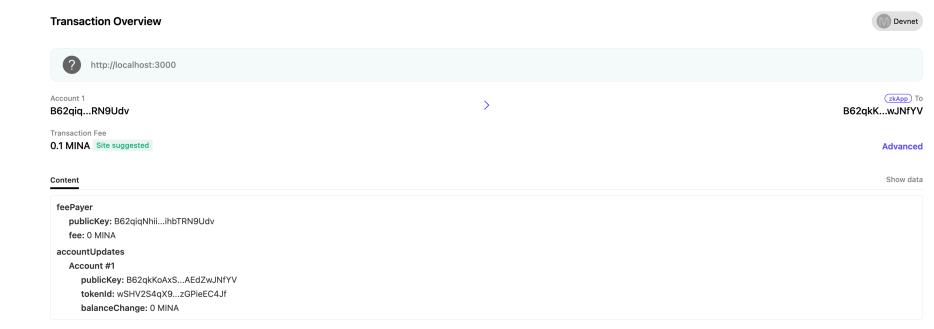
Demo(verify time)

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'}

                                                                    index-43500bb48e0c213f.js:59
▶ {signature: '7mXGz6TcFQ7vuktgyuZJTN29cfp2ap2A1G26EiPYjXFSZ7mAnyTkyMF7AJgzB7cVxKqnDPWemoSkTN8kQm8KLJv8kYEfhc7b', startTi
  me: '1724763600', endTime: '1724767200', targetStartTimestamp: 1724763600, targetEndTimestamp: 1724767200}

                                                                    355.aa929f37bbd3e200.js:53
▶ {signature: '7mXGz6TcFQ7vuktgyuZJTN29cfp2ap2A1G26EiPYjXFSZ7mAnyTkyMF7AJgzB7cVxKqnDPWemoSkTN8kQm8KLJv8kYEfhc7b', startTi
  me: '1724763600', endTime: '1724767200', targetStartTimestamp: 1724763600, targetEndTimestamp: 1724767200}

Creating proof...                                                   index-43500bb48e0c213f.js:405
Requesting send transaction...                                      index-43500bb48e0c213f.js:407
Getting transaction JSON...                                         index-43500bb48e0c213f.js:409
```

Demo(verify time)

You can prove.

Transaction Overview

? http://localhost:3000

Account 1
B62qiq...RN9Udv

zkApp To
B62qkK...wJNfYV

Transaction Fee
0.1 MINA Site suggested

Advanced

Content

Show data

feePayer
    publicKey: B62qiqNhii...ihbTRN9Udv
    fee: 0 MINA
accountUpdates
    Account #1
        publicKey: B62qkKoAxS...AEdZwJNfYV
        tokenId: wSHV2S4qX9...zGPieEC4Jf
        balanceChange: 0 MINA

Cancel

Confirm

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.

Future Vision

1. **Personalized Schedules**: AI 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, AI will adjust your schedule automatically to keep you on track.

3. **Teamwork Support**: AI 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/