



SOBR XRPL

Make financial decisions when you're in the right headspace





ABOUT US

We are friends from uni that enjoy going to hackthons, all computer science Royal Holloway Grads

Antonio - works at AMT, a small metals trading firm, and loves both making and listening to R&B - having won a competition last year

Dmani - focuses on maximising shareholder value and delivering solutions

James works as a software developer and was the most liked man on tinder for the 1st of April, 2024 😎

<https://xrpl.j4a.uk/>

The problem...



Blockchain transactions are irreversible.

Have you ever wondered what could happen if someone took advantage of you when you were tired or drunk, or even after drugging you?

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Introducing....



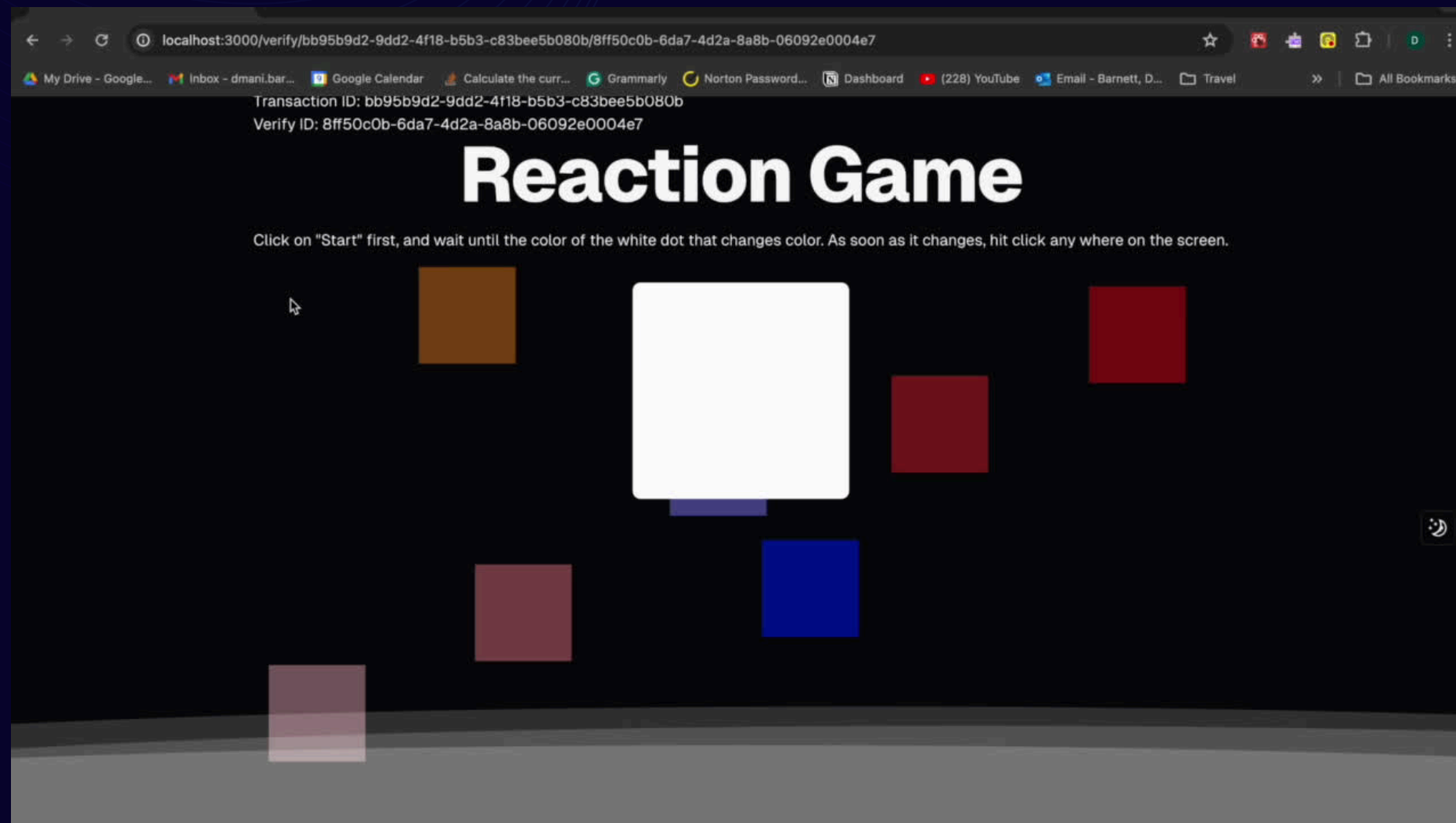
SOBR XRPL

To assist with sound financial decisions

Our Demo!

<https://xrpl.j4a.uk/>

OUR PROJECT



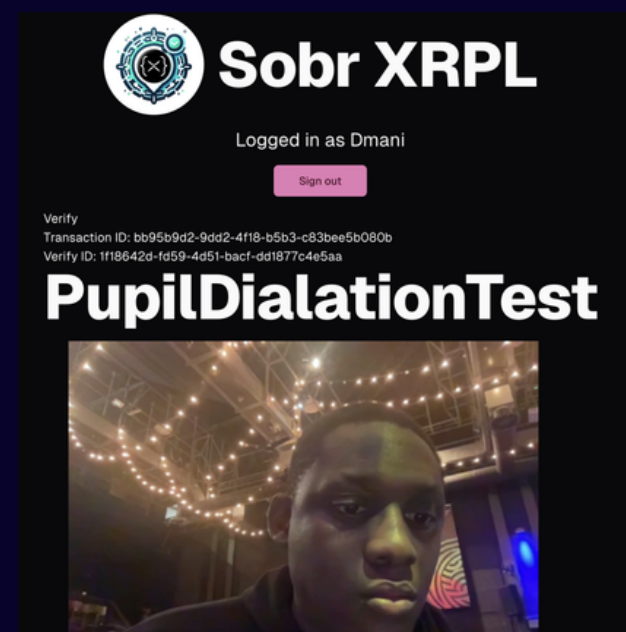
Making sure that transactions are not you are “sober” before complete large transactions.

We do this by using:

- LLM based interactive validation system
- Rubix Cube solving speed test
- Reaction Speed Test
- Pupil dilation classification using machine learning and AI to assist with sober identification



<--- 0.39x




SEEING THE THE AI

- One of the metrics for classifying your state of mind as normal or abnormal is the pupil to iris ratio (the average is $\sim 0.3x$).
- Independent research at from IIIT and Michigan State University show that the pupils of people who are at least drunk will dilate or contract 100% of the time.
- Pupil ratios either too big or too small will be classified as abnormal.
- A HTML endpoint returns a small JSON response with the person ID and abnormality classification.

How the LLM based interactive verification system works

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- The LLM is given information about the user
- The LLM then tries to find out whether or not it is speaking to the user it has information about
- It also estimates whether or not the user is in an altered state by analysing their messages



Sobr XRPL

Logged in as Dmani

[Sign out](#)

[My Profile](#)

AI Verify

Based on your profile collected on sign up an AI generated security question will need to be generated to verify your identity before co

What is the title of your favorite book by Malorie Blackman?

[Generate a security question](#)

My favourite author is Malorie Blackman and my favourite book is Boys don't cry from Malorie Blackman. My hobbies include dodgeball, karate and climbing which I try to do on a weekly basis. I study computer science which I enjoy

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THE END!1!!

Who has questions?