Abstract

This proposal seeks approval from the GMX community for Torque, an automation protocol, to develop a hands-free trading interface. This interface will allow users to control trading actions by navigating with one eye and clicking with a wink from the other. For context, Torque has already successfully integrated GM pools for liquidity provision.

Motivation

The largest and most sophisticated hedge funds and prop trading firms are already experimenting with alternative control systems. These tools support executing strategies with great efficiency, freeing traders from manual mouse and keyboard interaction. By implementing similar hands-free technology, GMX can attract a new audience of high-level traders while offering inclusive solutions for those with limited mobility.

Implementation

1. Research and Discovery Phase (1 month):

- Gather input from potential users to determine key features.
- Engage the GMX community to gauge interest and collect suggestions on the functionality of a hands-free interface.

2. Design and Prototyping (1 month):

- Design a visual interface optimized for eye movement, with large clickable areas and efficient navigation.
- Develop an initial prototype using off-the-shelf eye-tracking hardware and software. Allow winking to serve as the "click" function.
- Test the prototype with a small group of GMX traders and gather feedback on the usability of hands-free trading.

3. Development and Integration (1 month):

- Ensure full functionality with GMX smart contracts, allowing users to trade, manage leverage, and monitor positions using eye movements and winks for actions.
- Perform testing to ensure trades initiated via hands-free control are accurate.

4. Testing and Iteration (1 month):

- Conduct broader testing across different devices and user groups to refine the interface and eliminate any accessibility or technical issues.

5. Launch and Ongoing Maintenance:

- Deploy the hands-free trading interface publicly for GMX users, ensuring there is full support for onboarding through tutorials and community workshops.
- Continue to refine the interface based on feedback, keeping it updated as both hands-free technology and GMX evolve.

Proposed Budget

Category

Estimated Cost (USD)

Research and Discovery

$9,250

Design and Prototyping

$22,500

Smart Contract Integration

$30,000

Frontend Development

$45,000

Community Outreach and Education

$2,500

Ongoing Maintenance (12 months)

$9,750

Total

$119,000

Timeline

- Month 1

: Research and Discovery

- Month 2

: Design and Prototyping

- Month 3

: Development and Integration

- Month 4

: Initial Testing and Feedback

- Month 5+

: Release and Maintenance

Compensation

We request $119,000 worth of GMX or Wrapped ETH tokens from the GMX treasury, as preferred by the GMX community, to be paid in two installments: 50% upfront to initiate the project and 50% upon successful delivery. Payment may be directed to the Torque treasury, located at 0x177f6519A523EEbb542aed20320EFF9401bC47d0 on Arbitrum.

Conclusion

By adopting hands-free trading, similar to that being explored by the largest hedge funds and prop trading firms, GMX will lead the way in offering cutting-edge, user-focused solutions, attracting sophisticated traders and a more diverse user base.

Next Steps

Upon approval, Torque will begin the research phase and continue collaborating closely with the GMX community to ensure this hands-free interface is practical and user-friendly.

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Demonstration

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](https://global.discourse-cdn.com/flex020/uploads/gmx/original/2X/2/2f315c67b9d8dc46be54f69916ba7c8528caddde.png)

Voting Options

- Approve

: Proceed with Torque developing the hands-free trading interface with the proposed budget and timeline.

- Reject

: Do not proceed with the proposal.

We welcome questions/feedback from the community and aim for this to be the start of a flourishing partnership to drive new volume through GMX.