Meme Launchpad on Zilliqa

Working Title: Meme Launchpad (final name to be chosen in Stage 1 planning)

X Handle: TBD (will create Telegram & Twitter channels upon grant approval)

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1. Project Overview

We are building a fully functional and reliable Meme Launchpad for the Zilliqa ZQ2 ecosystem. The platform will enable new projects to conduct token sales in a transparent, automated manner, and allow investors to participate safely. We request a total of **$50,000**, split into five equal tranches of 20% each.

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2. Relevance & Rationale

- **Accelerating Ecosystem Growth.** A Launchpad drives on-chain activity and increases TVL by attracting new participants and projects. This is especially valuable on high-throughput, low-fee chains like Zilliqa, where hundreds of transactions per second can be executed at minimal cost.

- **Transparency & Trust.** All sale parameters (whitelisting, pool size, vesting) are securely recorded in smart contracts, eliminating manipulation and opaque allocations.

- **User Accessibility.** Any user can create their own meme token, build a community around it, and boost project engagement without deep technical expertise.

- **Automated Listing & Liquidity.** Once a sale reaches its target, the token is automatically listed on PlunderSwap and other Zilliqa DEXes, facilitating immediate trading and sustained demand.

- **Open-Source & Community Trust.** The entire platform codebase will be released under the MIT (or GPL) license, enabling anyone to contribute improvements, conduct audits, and launch their own fork.

- **Alignment with gZIL Collective Mission.** Our project aligns with this Season's focus on DeFi growth and community engagement by driving TVL, increasing on-chain activity, and fostering trust through open source. For a more detailed overview of the platform's benefits to the Zilliqa ecosystem, see Section 14 ([Benefits for the Zilliqa ecosystem](#))
- **Success Metrics.**
    - Number of launchpad projects successfully listed on Zilliqa DEXes.

- Total token sales volume processed through the platform.
- Average funds raised per ILO.
- Community engagement (whitelist participants, repeat investors).

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3. Link to Project Roadmap

See Section 8 (Technical Approach & Milestones).

Public Notion roadmap link to follow upon grant award.

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4. Demo Link

No MVP is currently available. We will deliver:

- Initial smart-contract prototype on Zilliqa testnet by the end of **Stage 2** (≈ 5 weeks post-grant approval).
- Full working demo with UI/UX on testnet by the end of **Stage 4** (≈ 10 weeks post-grant approval).

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5. Project Objectives

1. Design a modular, extensible architecture for smart contracts and backend infrastructure.

2. Implement and test the Launchpad's core Solidity contracts.

3. Configure a server and CDN for media storage and processing.

4. Build an intuitive frontend for meme-creators and token buyers.

5. Deploy the platform to Zilliqa testnet and mainnet, with basic user documentation.

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6. Is Your Project Open Source?

Yes – fully open-source under the MIT license. The public repository will be created upon grant approval and published after development is complete.

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7. Will the Project Be Releasing a Zilliqa Token?

No – at this stage we are not issuing a platform token; our launchpad simply facilitates ILOs for third-party meme projects. In future roadmap phases (outside the scope of this grant), we may explore a DAO governance model that could include a native platform token.

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8. Technical Approach & Milestones

Stage	% Payout	Deliverable	Budget (USD)
1	20 %	System architecture, requirements specification, and detailed module design: – Smart-contract interaction diagrams – API specifications – Backend & frontend design documentation	$8 000
2	20 %	Development of core Launchpad smart contracts (Solidity/EVM) and their testing (unit & integration tests, CI/CD).	$12 000
3	20 %	Backend development: – CDN configuration – API for media upload & processing (logos, banners).	$8 000
4	20 %	UI/UX design and frontend development (React, Next.js): – Creator interface (sale parameters upload) – Investor dashboard.	$12 000

5	20 %	Deployment to Zilliqa testnet; basic user documentation; final deployment to mainnet.	$10 000

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9. Budget Allocation

- **Total USD Requested:** $50,000

- **ZIL Equivalent:** Disbursed in five tranches of $10 000 worth of ZIL each at the market rate on payout dates.

- **Tranches:** Five stages of $10,000 each (20 % per stage)

- **Condition:** Release of each tranche upon approval of the previous stage's deliverables.

- **Use of Funds:**
    - 60 % Development
    - 20 % Infrastructure
    - 20 % Marketing

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10. Team & Timeline (Roadmap)

- **Duration:** 12 weeks

- **Founders:**
    - Rinat (https://github.com/hicaru) – Founder of **ZilPay** (the leading wallet on Zilliqa) - **Lead** Solidity, Frontend Engineer
    - Ihar (https://github.com/Yahook) – Founder of **Avely** (the first liquid-stacking protocol on Zilliqa) - Lead Backend Engineer

- **Additional Team Roles (to be assembled upon grant approval):**

    - Senior Smart-Contract Developer
    - Frontend Developer (React/Next.js)
    - UI/UX Designer
    - DevOps Engineer

- **Timeline (12 weeks):**

Phase	Duration
Architecture & Design (Stage 1)	2 weeks
Contracts & Testing (Stage 2)	3 weeks
Backend & CDN (Stage 3)	2 weeks
Frontend (Stage 4)	3 weeks
Deployment & Docs (Stage 5)	2 weeks

Note: The above durations are estimates. We will aim to complete each stage as early as possible without compromising on quality.

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11. Future Roadmap (Potential Directions)

After the successful launch of the Meme Launchpad, we plan to explore these extensions to further cement Zilliqa's position as a hub for next-gen tokens:

- **DAO Formation.** Establish a decentralized autonomous organization to let the community govern platform upgrades, project listings, and resource allocation.

- **AI as a Security Agent.** Leverage AI tools to monitor on-chain activity, detect suspicious behavior, and flag potential rug pulls in real time.

- **New Token Types & DeFi Mechanics.**

    - Support for stakeable tokens with built-in passive-income mechanisms.

    - OlympusDAO-style tokens featuring bonding, reserve currency, and dedicated management dashboards.

- **Advanced Marketing Tools.**

- ○ AI-driven content generation, campaign targeting, user-behavior analytics, and growth recommendations.

- ○ Gamification elements: daily quests, challenges, and "activity points" to incentivize regular engagement and build a loyal community.

- ○ Explore integrations with social platforms (e.g., Telegram bots, Twitter posts) for seamless token creation and viral promotion.

12. Previous Grant Applications

No previous grants applied for or received from the gZIL Collective. However, we have successfully delivered grants for Avely and ZilPay.

13. Risk Assessment & Mitigation

- **Smart-Contract Vulnerabilities:** 100% test coverage, public audits, and open-source code review.
- **Schedule Delays:** Built-in one-week buffer per milestone.
- **Low Adoption:** Community AMAs, targeted marketing campaigns, and possible direct integration with Avely & ZilPay.

14. Benefits for the Zilliqa ecosystem

- **Ecosystem Visibility & Growth**: A Meme Launchpad will attract retail and community-driven projects, giving Zilliqa viral reach among newcomers, influencers, and the meme community.
- **On-Chain Activity & Volume**: Each Initial Liquidity Offering (ILO) generates hundreds to thousands of transactions through whitelisting, purchases, claims, and listings - directly boosting TVL and transaction volume for the network.
- **Gamification & Engagement**: Meme tokens lend themselves to gamified mechanics (daily quests, airdrops, community votes), which increase user retention, loyalty, and time spent in the ecosystem.