Hyperlink Guide - Milestone 3: Core Development

Hello reviewer! We recognize that our documentation is substantial and complex. In order to help guide you, we provide here a series of links and explanations relating to the milestone outputs, acceptance criteria and evidence of milestone completion for Milestone 3.

Please feel free to reach out if you have any questions!

Milestone Outputs

Core Component Design

Development of key infrastructure, including:

- Staking engine for users to stake assets and earn rewards.
  This has been built and showcased in here:
  Dashboard Demo v4.mp4

  With the open-source work made available in our monorepo on Github.

- Bitcoin bridge integration with partners (BitcoinOS and/or others) for secure, trustless cross-chain transactions.
  This has been built and showcased in the Dashboard Demo v4.mp4

  With the open-source work made available in our monorepo on Github.

- Smart contracts enabling Sundial's DeFi functionalities such as lending, borrowing, and yield generation.
  We have showcased several core functions in the following video:
  Dashboard Demo v4.mp4
  - *Staking*
  - *Bridging*
  - *DeFi (Lending)*

  The code supporting all onchain activity behind these videos can be found in our monorepo on Github, including a README document detailing where to find each piece.

Refined Tokenomics Model

A structured model defining staking incentives, reward distribution, and utility mechanisms for the Sundial token economy.

We submitted our tokenomics to 2 respected members of the community - David Yagi and Riley Kilgore - for their thoughts. All feedback has been compiled into this summary report.

This led to the development of our Whitepaper, which has details on all staking incentives, reward distributions and utility mechanisms. *Public Sundial Whitepaper*

User Interface Prototype

A test version of Sundial's staking and DeFi platform UI, providing an interactive preview of core functionalities.

We have showcased several core functions in the following video: *Dashboard Demo v4.mp4*

- *Staking*
- *Bridging*
- *DeFi (Lending)*

Acceptance criteria

Core Components Functional in Test Environment:

- Staking engine successfully processing transactions in a testnet/demo environment.
- Bitcoin bridge capable of transferring assets between Bitcoin and Sundial test environments.
- DeFi smart contracts executing basic lending, borrowing, and staking functionalities without errors.

We have showcased several core functions in the following video: *Dashboard Demo v4.mp4*

- *Staking*
- *Bridging*
- *DeFi (Lending)*

The code supporting all onchain activity behind these videos can be found in our monorepo on Github, including a README document detailing where to find each piece.

Tokenomics Model Validated

- Economic model stress-tested to ensure sustainability, fair incentives, and long-term viability.
- Reviewed and approved by tokenomics advisors or external auditors.

We submitted our tokenomics to 2 respected members of the community - David Yagi and Riley Kilgore - for their thoughts. All feedback has been compiled into this summary report.

Preliminary User Interface Approved

- UI prototype meeting functional requirements, internally tested by development and design teams.
- Basic usability and accessibility checks completed, with initial feedback incorporated.

Internal logs showing discussion and development have been published in a report on Github.
We have showcased several core functions in the following video: Dashboard Demo v4.mp4

- *Staking*
- *Bridging*
- *DeFi (Lending)*

Evidence of milestone completion

Core Component Development

- GitHub repository updates with smart contract commits, staking engine code, and bridge integration development logs.
  This document includes a full report of where to find information on smart contract commits, staking engine code, and bridge integration development logs.
- Internal testnet or demo environment where core functions (staking, bridging, DeFi) can be showcased.
  We have showcased several core functions in the following video:
  Dashboard Demo v4.mp4
  - *Staking*
  - *Bridging*
  - *DeFi (Lending)*

  The code supporting all onchain activity behind these videos can be found in our monorepo on Github, including a README document detailing where to find each piece.
- Video walkthrough or technical demo presented to the community, demonstrating the system in action.
  The technical demo has been shared to the community via Youtube, and then via our Telegram.

Tokenomics Model Validation

- Public whitepaper update reflecting refinements in staking incentives and reward structures.
  Read the whitepaper!
- Community call or AMA where the Sundial team presents and discusses the tokenomics model.
  We did an AMA on X - read about it here, or view the thread directly on X.

- Feedback from economic model validators (tokenomics experts, partners) published in a summary report.
  We submitted our tokenomics to 2 respected members of the community - David Yagi and Riley Kilgore - for their thoughts. All feedback has been compiled into this summary report.

User Interface Prototype

- Screenshots, Figma designs, or interactive UI prototypes shared via official channels (Discord, website, blog post).
  We shared a first look at our designs in a blog post on our website.
- Internal testing logs documenting UI feedback and iterations.
  Internal logs showing discussion and development have been published in a report on Github.
- Video demo showcasing the UI's core features and planned improvements.
  We have showcased several core functions in the following video:

Dashboard Demo v4.mp4

  - *Staking*
  - *Bridging*
  - *DeFi (Lending)*