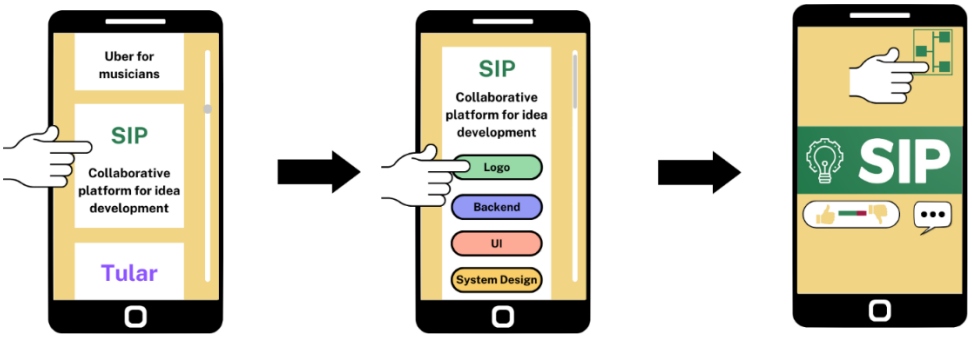
# Modular Tools for Decentralised, Everyday Innovation: Idea Development UI




## Objective

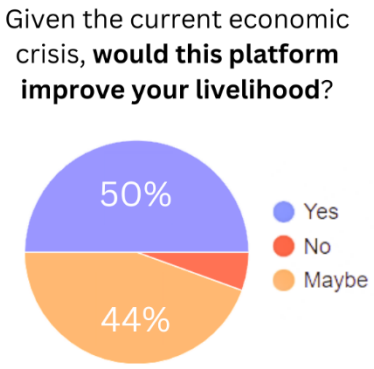
To create an intuitive idea development user interface for everyday use.

## Significance

Every day, people must choose how they spend their time. Work for a wage or solve problems you care about? the intimidating responsibilities of a business leader and venture capital success rate of 25% are boasted but not fit for purpose. With people's ideas and knowledge creating 70% of the value of an average business, SIP ensures they get this value by addressing the risk pain point of investors.

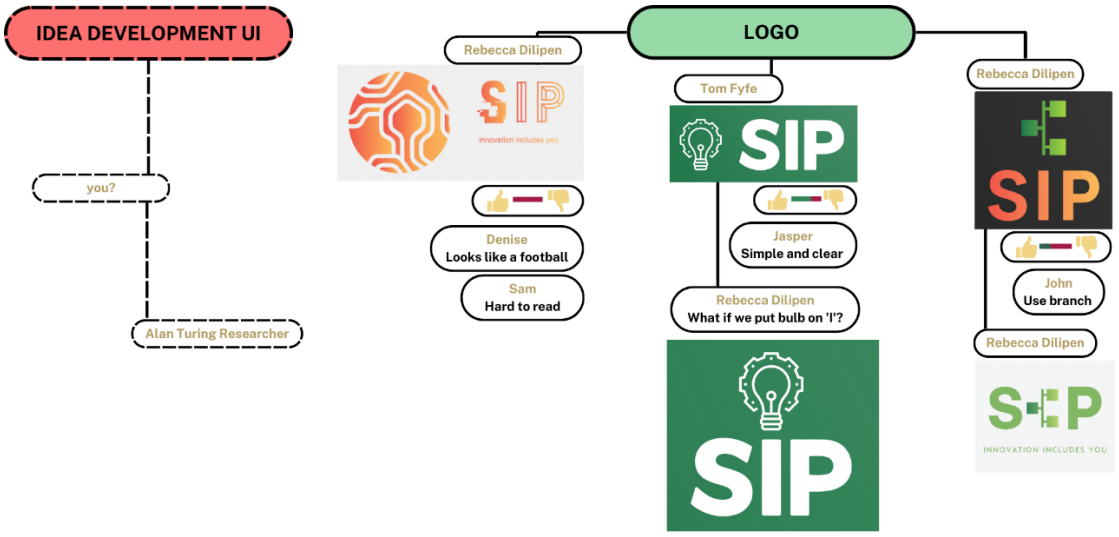
Ironically, SIP faces the barriers to innovation it aims to solve. Hence, we must *build SIP to build SIP* - optimising its design, proving its concept and becoming investor ready in the process. Our Self-Hosting Prototype would be a crucial step toward achieving 'idea optimality' for decentralised, everyday innovation.





## Opportunity

- Your contributions will be SIP valuated and compensated in the long-term based on terms agreed.




- Co-applicant support for the Collaboration and Co-Production fund which could compensate up to £3,000 for your work in the short-term [appendix].
- Real world experience in the FinTech, Blockchain and Data Science space.
- Work on systemic problems with lasting impact in a lean startup environment.
- Subject to agreement, work alongside someone from The Alan Turing Institute, Engineers Without Borders or The Gillmore Centre for Financial Technology.
- Continued user access or flexible involvement in future SIP development.
- Help SIP's long innovation journey be the last of its kind, increasing your future chances of accumulating equity from contributions to other ideas.

## Deliverables

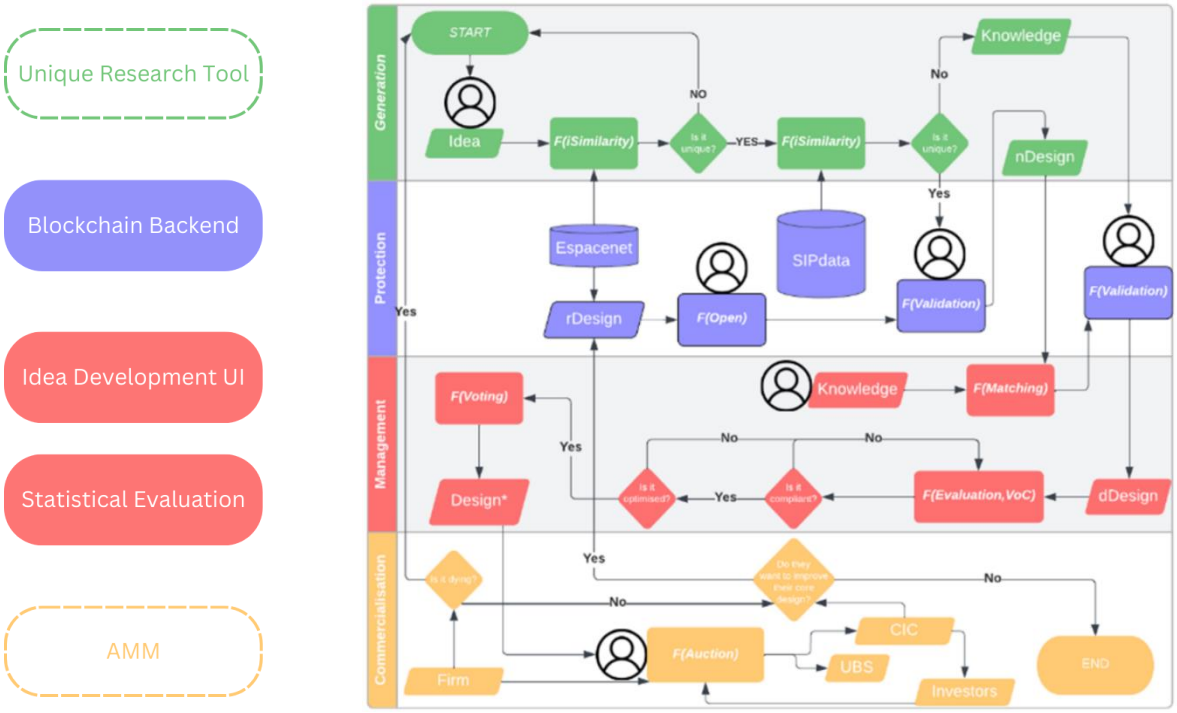
### Idea Development UI

***2.1**: User Interface Design and Development*- A React Native app that allows users to easily navigate, understand its functionalities, and provide input related to the idea development process.

***2.2**: Integration with Backend APIs* – The functionality to interact with the Hyperledger backend through API mechanisms allowing for real-time interactions.

Involves: wireframes, mock-ups, interactive prototypes, mobile app development; sending user input to the backend, retrieving data from the Hyperledger blockchain and data security.

**Where Your Component Fits In** [diagram key in appendix]




**Expected Timeline**

**Week 1-2:** Team building, specify project milestones, set up the development environment and outline the high-level structure of the user interface.

**Week 3-4:** Design wireframes with well-defined API endpoints, create mock-ups and develop interactive prototypes to validate user experience and functionality.

**Week 5-6:** Implement the React Native app with a focus on smooth navigation and input handling, and begin integration with backend APIs for data exchange.

**Week 7-8:** Finalise integration with the statistical model and blockchain backend, ensure data security and monitor initial user testing to ensure functionality.

**Week 9-10:** Conduct end-to-end testing, finalise documentation, introduce new users and implement final iteration based on user feedback.

| **Requirement** | **Interest Area** |
|---|---|
| JavaScript | User Experience |

## Prospective User Feedback


## Appendix

WIPO (2022). Blockchain technologies and IP ecosystems: A WIPO white paper [online]. Available at: https://www.wipo.ch/export/sites/www/cws/en/pdf/blockchain-for-ip-ecosystem-whitepaper.pdf

F(…) – Function of…

iSimilarity – Idea Similarity

nDesign – New Design

Espacenet – Patent Database

SIPData – Social Ideas Platform Data

dDesign – Developing Design

VoC – Value of Contribution

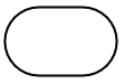
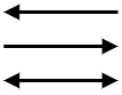
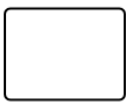
Design* - Optimal Design

rDesign – Registered Design

CIC – Community-Interest Cooperative

UBS – Universal Basic Services

Collaboration and Co-Production Fund

| | | |
|---|---|---|
| Start / End |  | Used to represent the starting point or terminal point of a flowchart |
| Flow lines |  | Connects components in a flowchart and indicates flow direction |
| Input / Output |  | Represents information or data that is transmitted or received |
| Decision |  | Represents checkpoints to evaluate conditions for making decisions |
| Process |  | Represents processes (e.g., mathematical operations) |
| Database |  | Represents databases |
| Person |  | Represents actors or users or a software system |