Blockstarter 4

AEC - Group D

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Requirements

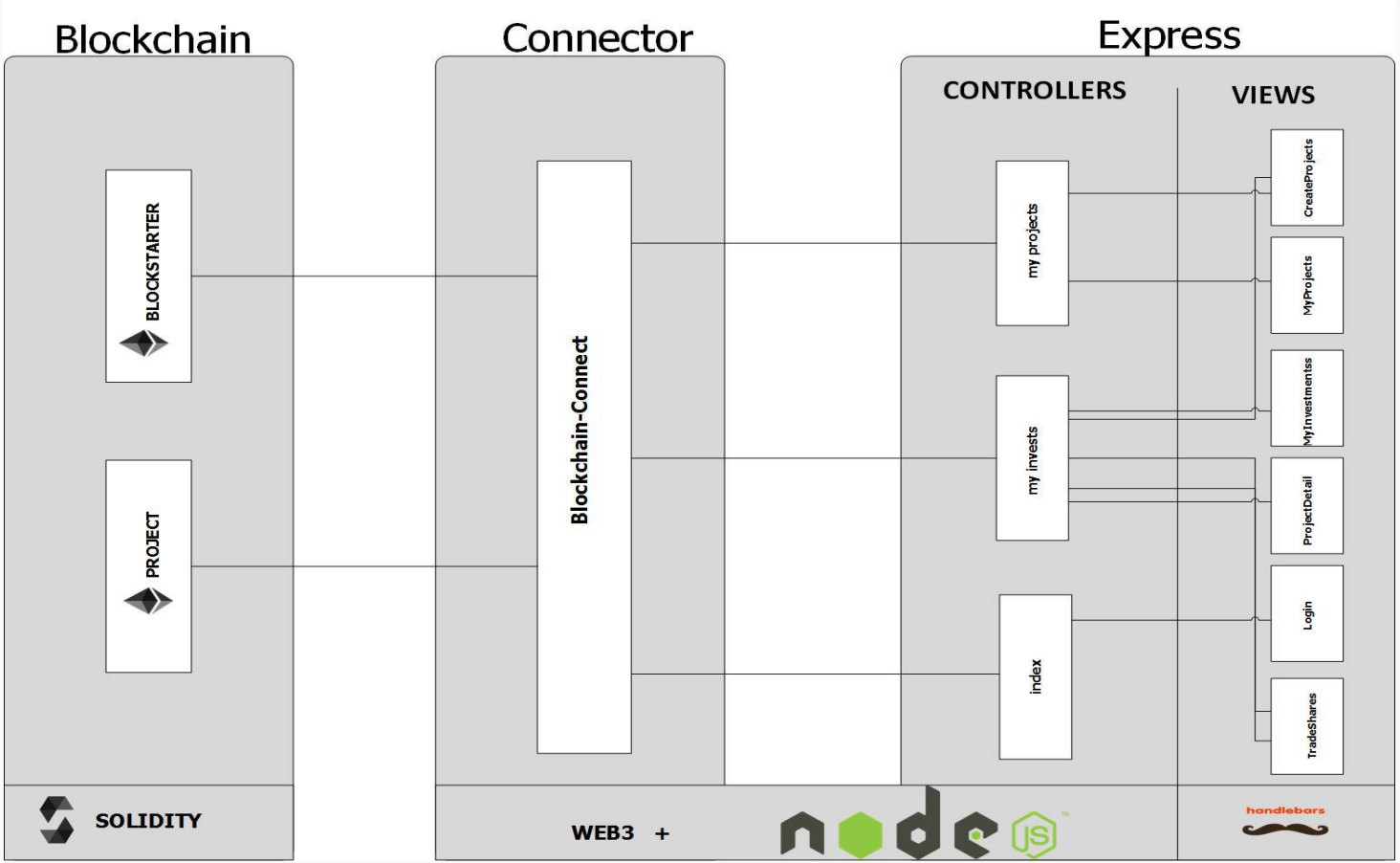
Basic Requirements

- ➔ Create and show Projects
- ➔ Do and display Investments
- ➔ Show Token for Investments
- ➔ Withdraw as Owner from successful Projects

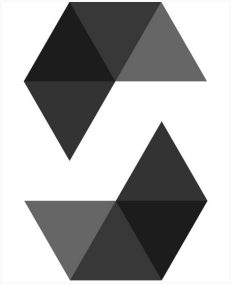
Extension

- ➔ Shareable Token and simple Poll (2)

Architecture



Blockchain



Soliity

- ➔ **Blockstarter** and **Projects**
- ➔ **Blockstarter** contract manages projects
- ➔ **Projects** contain investments, tokens and polls

startup-tool

- ➔ Create test rpc client
- ➔ Deploy Blockstarter contract
- ➔ Provide Web Server with required information

web3

- ➔ Connector layer to expose blockchain to express

Web Server Technologies

express

- ➔ Minimal and flexible
- ➔ Easy to setup
- ➔ Experience from previous tasks
- ➔ Server-Side Rendering with templating engine

handlebars

- ➔ Effective semantic templating

Bootstrap

- ➔ Built-in Responsiveness
- ➔ Minimalistic stylesheets

Blockstarter 4 Demo

Conclusion

Prototype - not ready for production

- ➔ Security - Unsigned transactions
- ➔ Scalability - Indexing

The future of Crowdfunding?