University of Basel

Blockstarter

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Concept
Project base
Milestones
Angels
Project creation
Demo

Concept

asdf

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Project base

- Contribute funds to a project
- Complete the project (founder)
- Request the funds back

Project base

Members

name	type
founder	address
name	string
description	string
budget	uint
totalReceived	uint
started	bool
completed	bool
received	addr $\Rightarrow$ uint

Events

- ProjectStarted
- ProjectCompleted

Modifiers

- isFounder
- hasFunds
- projectRunning

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Milestones

```
struct Milestone {
    bool completed;
    string description;
    uint deadline;
    uint percentageOfBudget;
}
```

- inherits from project base
- each project has array of milestones
- not all funds released at once
- individual deadlines
- individual payouts

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Angels

- inherits from project with milestones
- users that contribute a certain amount become angels
- angels can request to halt / resume the project
- when the project is halted, no funds can be released by the founder
- when a project is halted, the open milestones are delayed
- Emits events when new angel is born or project is halted / resumed

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Questions?