

Blockstarter

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Concept
Project base
Milestones
Angels
Project creation
Demo

Concept

bla bla bla create project that needs funds. get people to contribute funds, if goal is reached, claim funds. extended by different milestones. extended by angels that can halt / resume the project bla bla bla asdf reeeeeeeeeeeeeee

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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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The main contract provides means to create a new project:

name	type	example
name	string	need
description	string	gib me monies
requestedBudget	uint	$32 \cdot 10^{18}$
founder	address	0x1337C0D3
descriptions	string[]	["phase 1", "phase 2"]
deadlines	uint[]	[1607989310, 1607999310]
percentages	uint []	[29, 71]

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Questions?