

Blockstarter

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| Project base |
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| Angels |
| Project creation |
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Concept

asdf

Concept

Project base

Milestones

Angels

Project creation

Demo

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

Concept

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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

Concept

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Project creation

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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Demo

Questions?