

DiaBet

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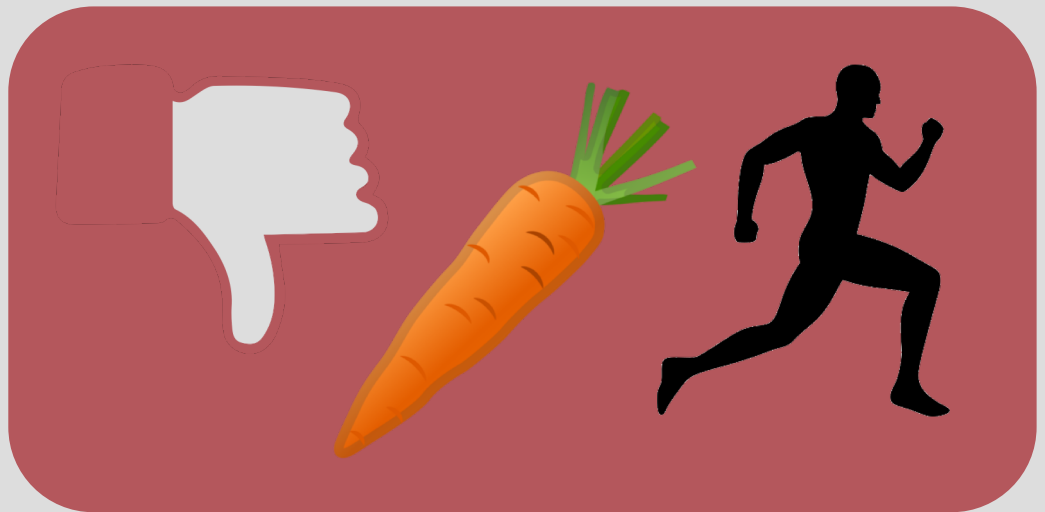
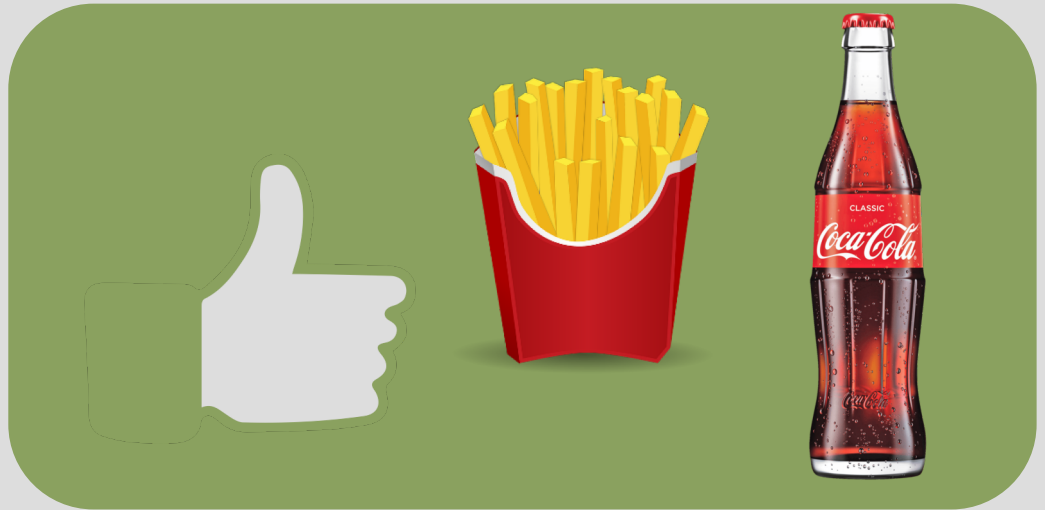
Blockchain Challenge
12.12.2018

synpulse 
solve evolve

Meet Max



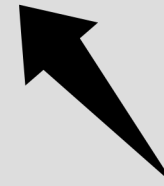
Max



Meet Max



Max



Es ist nicht nur Max...



Diabet

400'000 mal Max

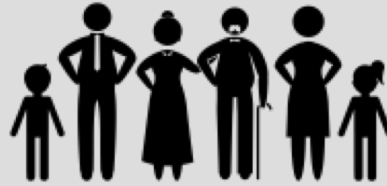
CHF 6.8 Mrd pro Jahr

Was ist DiaBet?

- 1 Eine App, die die Überprüfung der eigenen Gesundheitsziele ermöglicht
- 2 **Berechtigte Personen** dürfen auf das **Erreichen** / **Nicht Erreichen** der Ziele kleine Geldbeträge wetten



Wer sind die Stakeholder?



Familie/Freunde



Versicherung

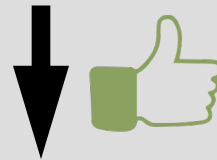


Arzt

Wer nimmt an der Wette teil?



Familie/Freunde



Versicherung



Arzt

Was ist DiaBet?

1 Eine App, die die Überprüfung der eigenen Gesundheitsziele ermöglicht

2 Freunde & Familie dürfen auf das **Erreichen** / **Nicht Erreichen** der Ziele kleine Geldbeträge wetten

3 Patient selber kann nur auf **Erreichen** wetten

4 Die Wetten werden über einen Smart Contract abgewickelt

5 Partizipationsanreiz
Patient → Motivation
Familie & Freunde → Anteilnahme an Therapie



Rechtliche Rahmenbedingung

1

Keine Diagnose

Heilmittelrecht

2

Keine Datenspeicherung

Krankenversicherungs- und Datenschutzrecht

3

Smart Contract

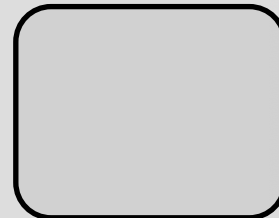
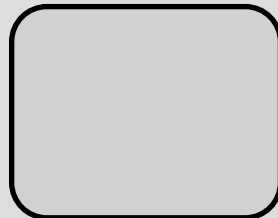
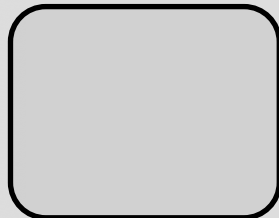
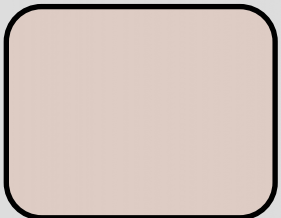
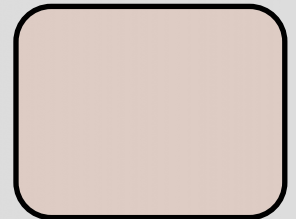
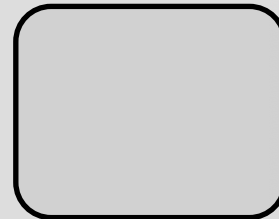
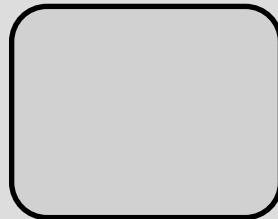
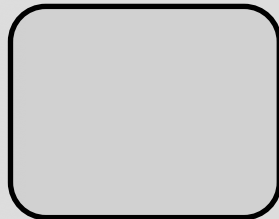
Geldspielrecht

Ablauf einer Wette



1. Neue Wette & Whitelist erstellen

2.



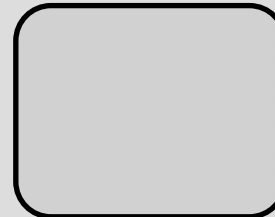
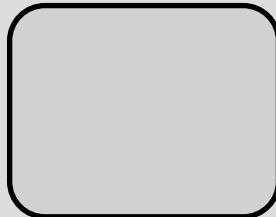
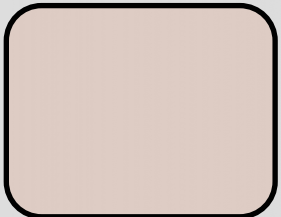
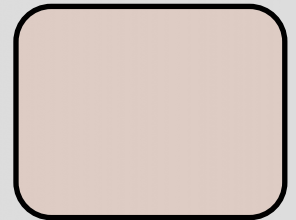
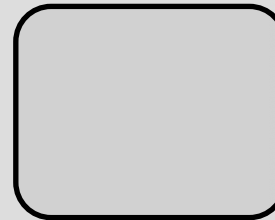
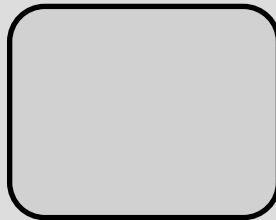
Ablauf einer Wette



stellen

2. Wetteinsätze in Pot

3. Wetten abge



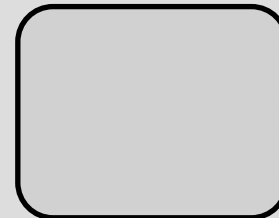
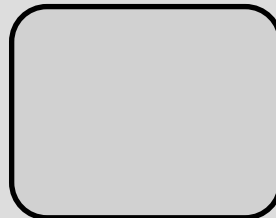
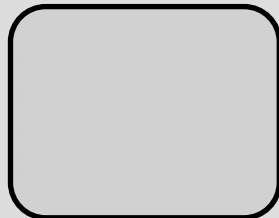
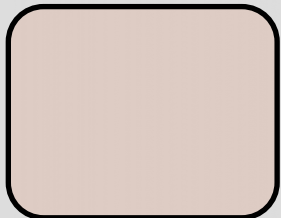
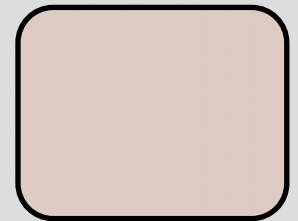
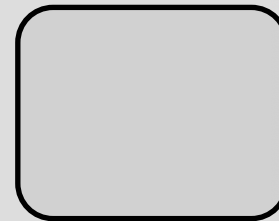
Ablauf einer Wette



Pot

3. Wetten abgeschlossen & Workout

4. Ablauf



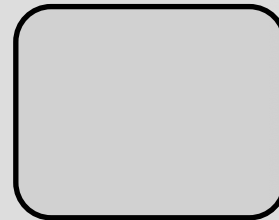
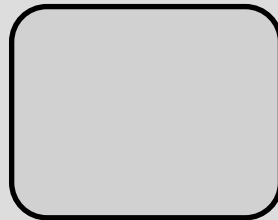
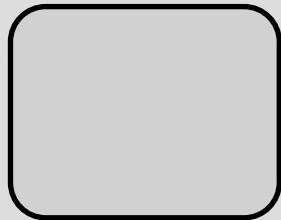
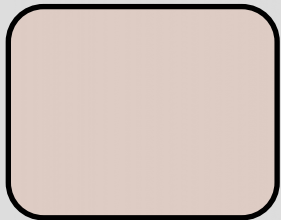
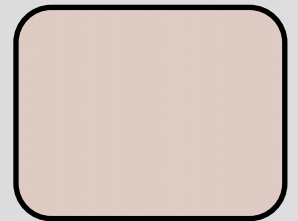
Ablauf einer Wette



Workout

4. Ablauf der Deadline

Leistungs



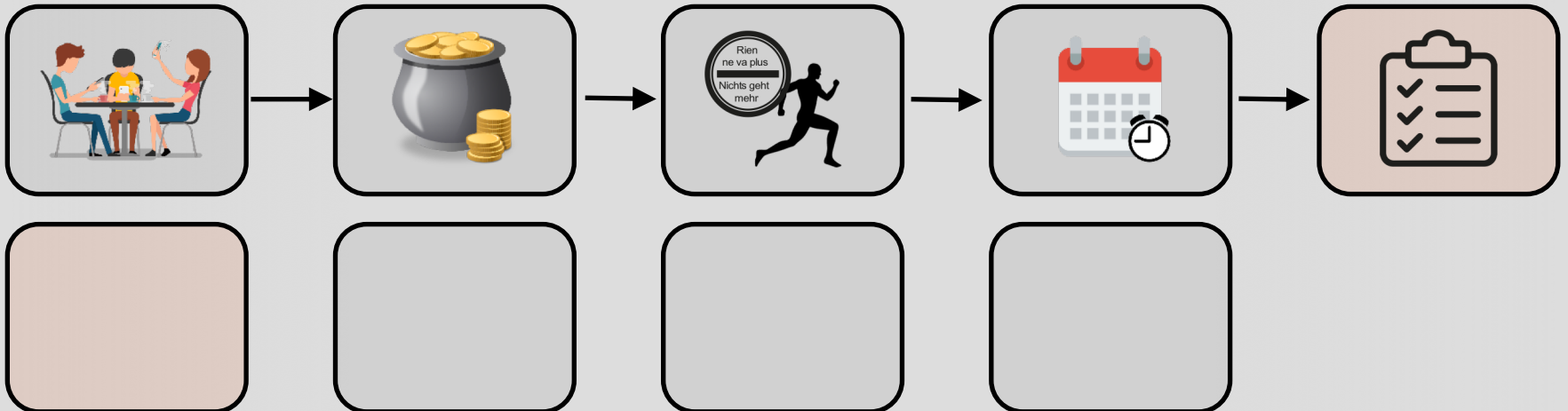
Ablauf einer Wette



dline

Leistungsüberprüfung

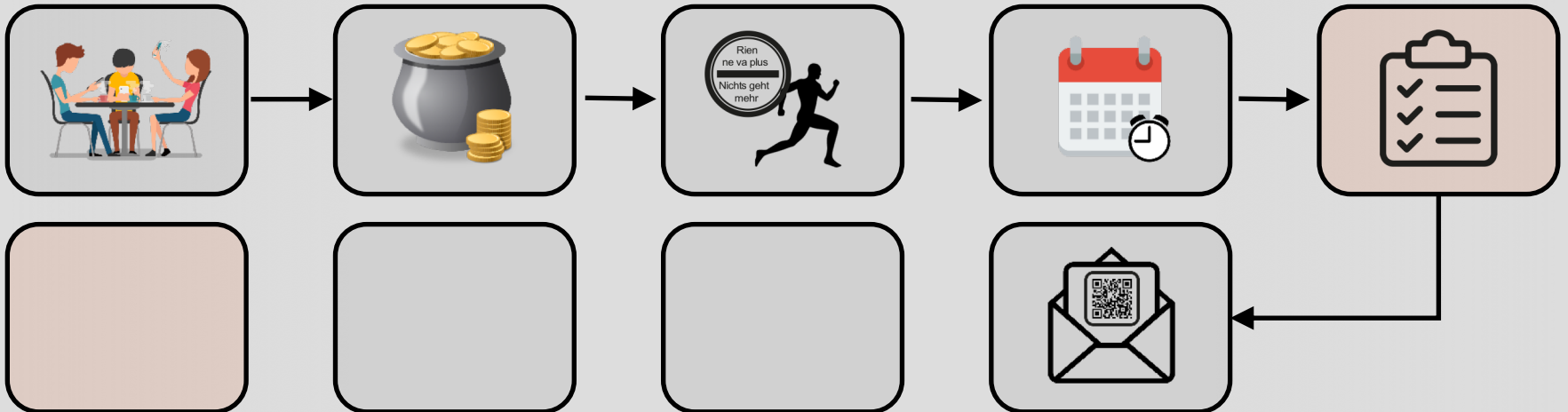
5. QR C



Ablauf einer Wette



5. QR Code an Arzt

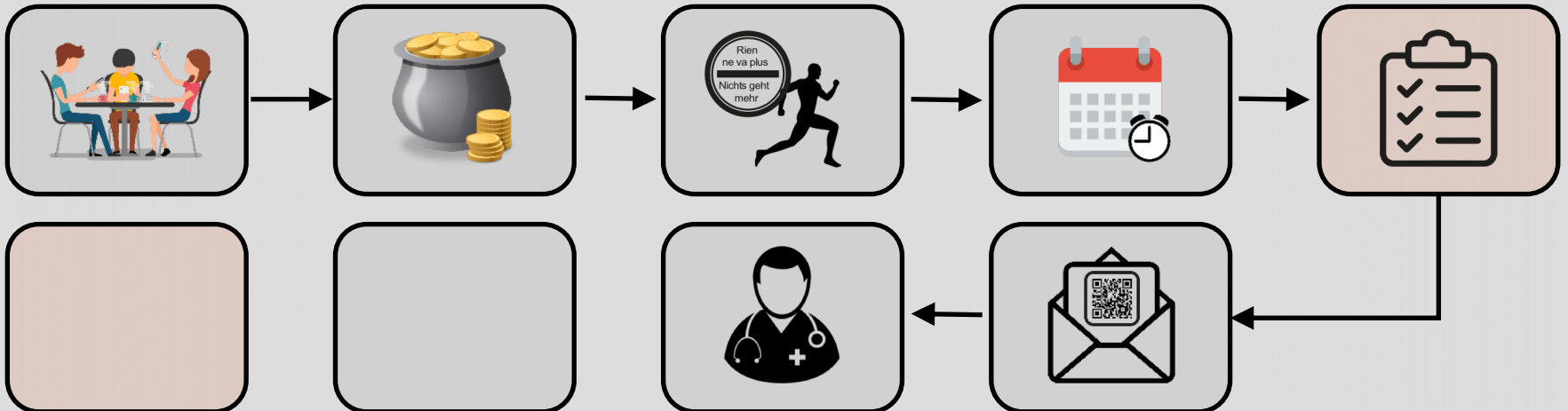


Ablauf einer Wette



6. Blutabnahme

7. Patient erl

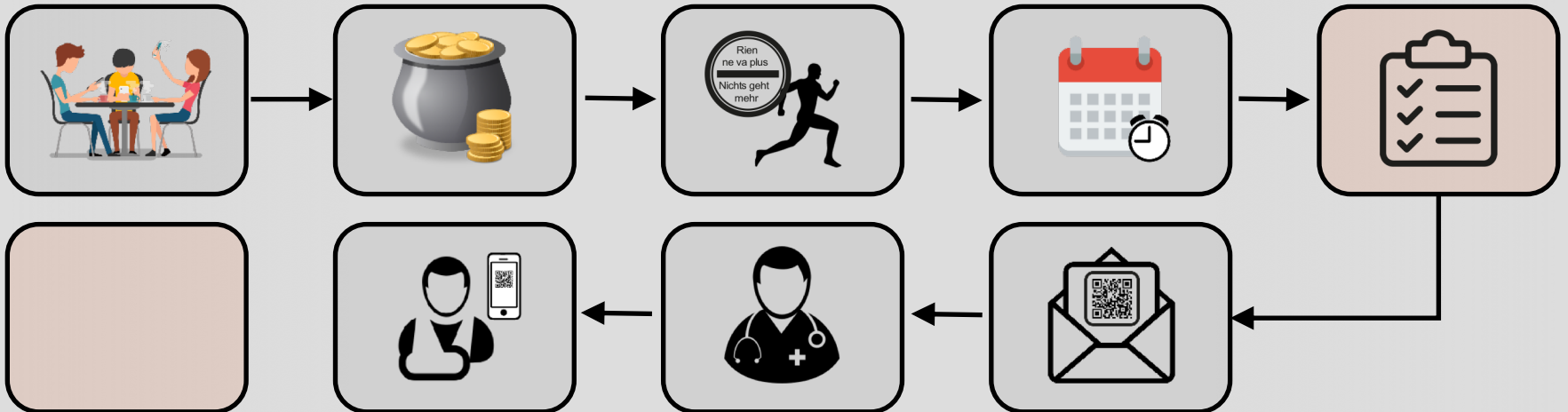


Ablauf einer Wette



7. Patient erhält QR Code (Oracle)

Aus

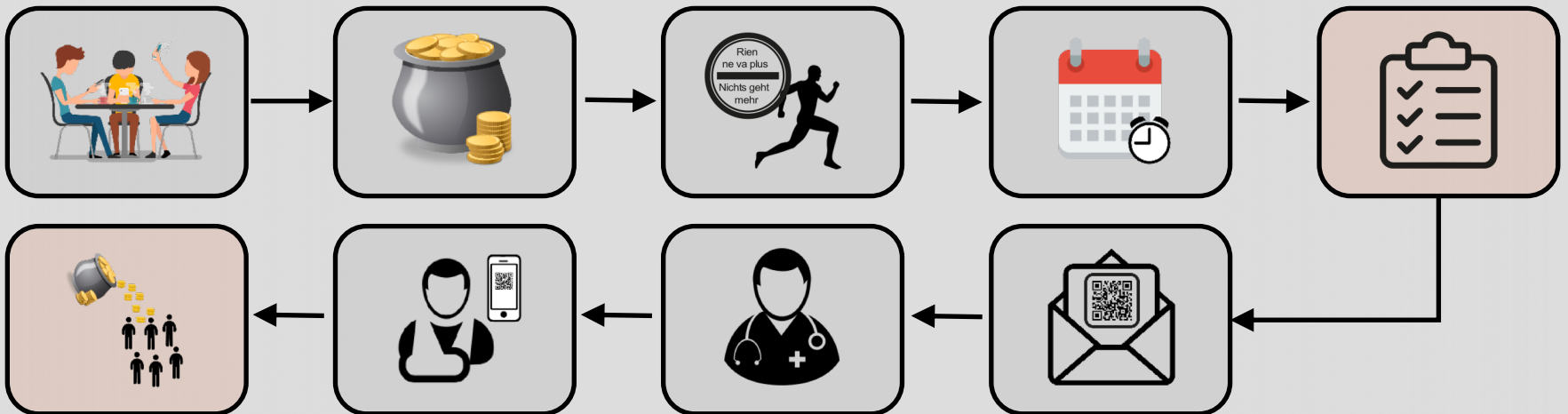


Ablauf einer Wette



acle)

Ausschüttung des Pots

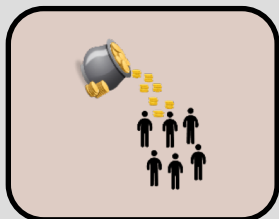


Ablauf einer Wette



Ablauf einer Wette

1. Phase

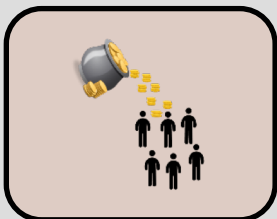


Ablauf einer Wette

1. Phase



2. Phase



Ablauf einer Wette

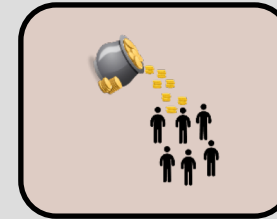
1. Phase



2. Phase



3. Phase



Mock up & Smart Contract





Max





Max



Freunde Einsatz Wette

Max



Max



Freunde	Einsatz	Wette
Max		
Simon		
Tobias		
Rahel		
Paula		
Ester		
Tim		



Paula





Max



Freunde	Einsatz	Wette
Max	5 CHF	
Simon		
Tobias		
Rahel		
Paula		
Ester		
Tim		



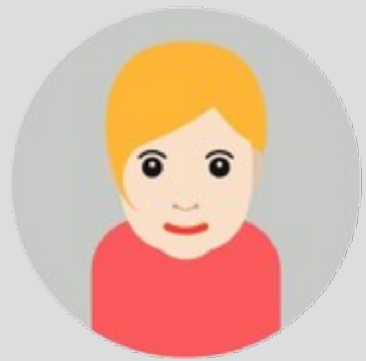
Paula



Freunde	Einsatz	Wette
Max	5 CHF	
Simon	5 CHF	
Tobias	5 CHF	
Rahel	10 CHF	
Paula	2 CHF	
Ester	2 CHF	
Tim	2 CHF	



Max



Paula





Max



Freunde	Einsatz	Wette
Max	5 CHF	
Simon	5 CHF	
Tobias	5 CHF	
Rahel	10 CHF	
Paula	2 CHF	
Ester	2 CHF	
Tim	2 CHF	



Paula

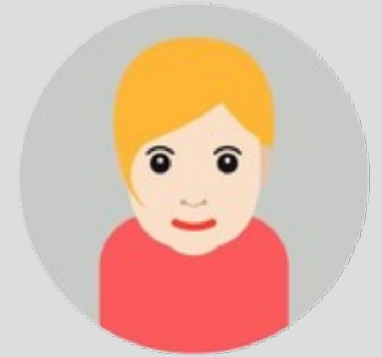




Max



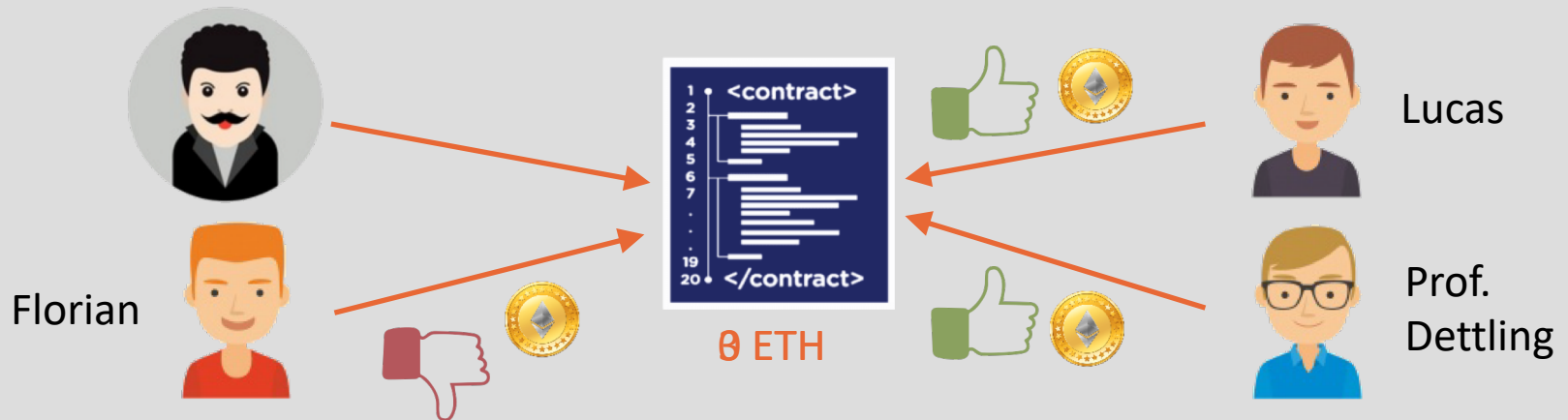
Freunde	Einsatz	Wette
Max	5 CHF	
Simon	5 CHF	
Tobias	5 CHF	
Rahel	10 CHF	
Paula	2 CHF	
Ester	2 CHF	
Tim	2 CHF	



Paula

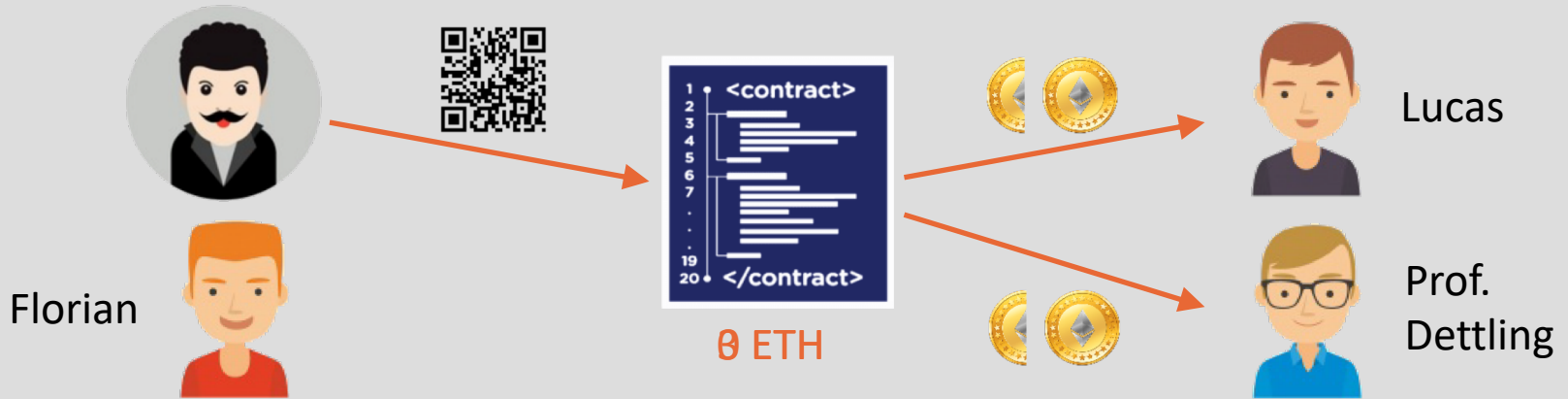


Livedemo



TxHash	Block	Age	From		To	Value
0x9d75439d0e14fcd...	3362417	23 days 14 hrs ago	0x49fe8f848a3eae4...	IN	Contract Creation	0 Ether
0x0b81f527b7411b2...	3379807	20 days 13 hrs ago	0x49fe8f848a3eae4...	IN	0x13ee2534fb6b68f...	0 Ether
0x115db7d16b8e29...	3379812	20 days 13 hrs ago	0xcc5589a725b14d...	IN	0x13ee2534fb6b68f...	1 Ether
0x32ce64cd15ed0a...	3379811	20 days 13 hrs ago	0xea4c14aac9990b...	IN	0x13ee2534fb6b68f...	1 Ether
0x7f3b9d10d056d14...	3379810	20 days 13 hrs ago	0x49fe8f848a3eae4...	IN	0x13ee2534fb6b68f...	1 Ether

Livedemo



TxHash	Block	Age	From		To	Value
0x9d75439d0e14fcd...	3362417	23 days 14 hrs ago	0x49fe8f848a3eae4...	IN	Contract Creation	0 Ether
0x0b81f527b7411b2...	3379807	20 days 13 hrs ago	0x49fe8f848a3eae4...	IN	0x13ee2534fb6b68f...	0 Ether
0x115db7d16b8e29...	3379812	20 days 13 hrs ago	0xcc5589a725b14d...	IN	0x13ee2534fb6b68f...	1 Ether
0x32ce64cd15ed0a...	3379811	20 days 13 hrs ago	0xea4c14aac9990b...	IN	0x13ee2534fb6b68f...	1 Ether
0x7f3b9d10d056d14...	3379810	20 days 13 hrs ago	0x49fe8f848a3eae4...	IN	0x13ee2534fb6b68f...	1 Ether
0x4578e67cf9e9443...	3379835	20 days 13 hrs ago	0x49fe8f848a3eae4...	IN	0x13ee2534fb6b68f...	0 Ether
TRANSFER	1.5 Ether		From 0x13ee2534fb6b68f676015...		To → 0x49fe8f848a3eae415ec12...	
TRANSFER	1.5 Ether		From 0x13ee2534fb6b68f676015...		To → 0xea4c14aac9990be3306a...	

Smart Contract

DiaBet

Florian Bitterli
Kevin MacCabe
Sandro Tedone
Lucas Thiel

Interessiert am Smart
Contract?
Scan den QR-Code!



DiaBet

- Benutzerfreundlich
- Kurzfristige Gesundheitsziele
- Einbezug von Familie & Freunde

