# **USDi Ticket logic**

## Starting Point (T=0)

T = 0										
Users	Deposit (USDC)	USDi ticket held	USDi held	USDi on circulation	USDi colateral (USD)	USDi Value	Users asset on USD value			
James	\$0	0	\$100,000		\$100,000	\$1.00000	\$100,000.000			
Alice	\$0	0	\$0	\$100,000			\$0.000			
Bob	\$0	0	\$0				\$0.000			



\$ 0 USDi Held = \$ 100,000 USDC

Alice

USDi Colateral \$ 100,00 USDC

USDi on Circulation \$100,000

> USDi Value \$1.00





\$ 0 USDi Held = \$ 100,000 USDC

Bob

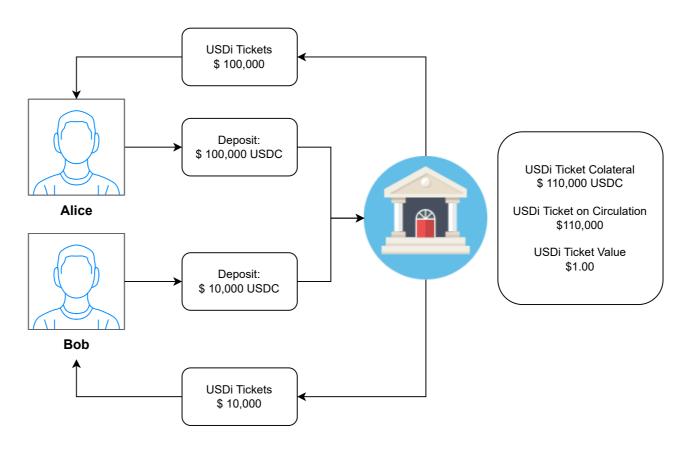


\$ 100,000 USDi Held = \$ 100,000 USDC

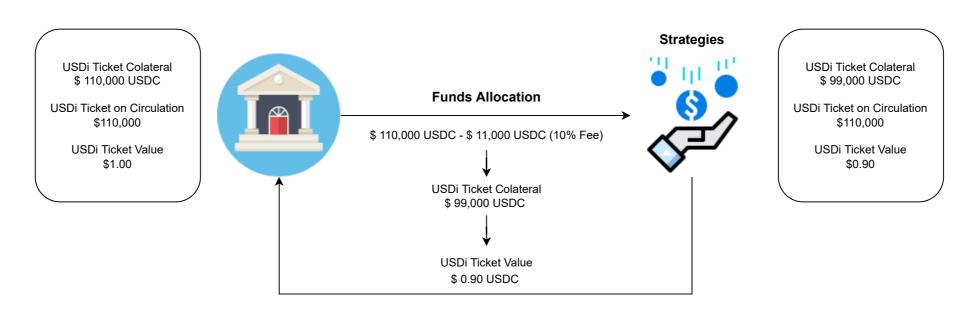
**James** 

### Alice and Bob deposit T=1

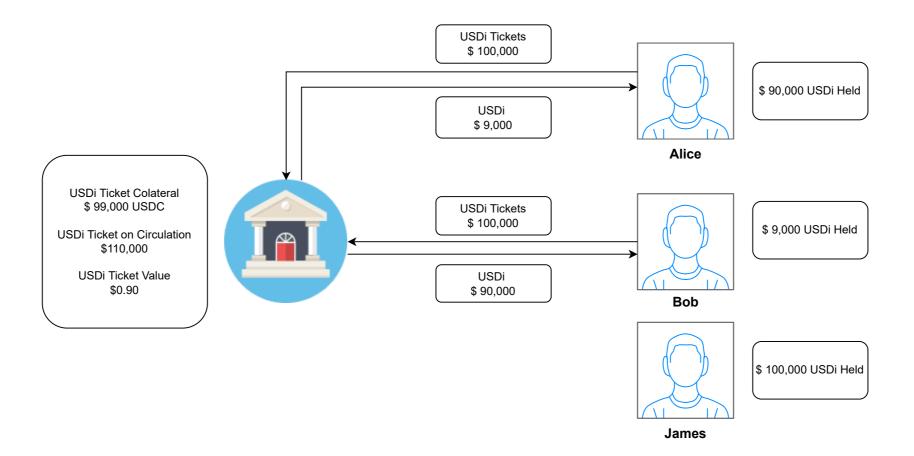
	T=1													
Users	Deposit (USDC)	USDi ticket held	USDi held	USDi Ticket colateral before allocation (USD)	USDi ticket circulation	USDi tikcet Value before allocation	Total Allocation Fees 10% (USDC)	USDi Ticket colateral after allocation (USD)	USDi tikcet Value after allocation	Users asset on USD (Ticket) value	USDi distributed	USDi colateral after allocatio n (USD)	USDi Value	Users asset on USD value
James	\$0	0	\$100,000							\$0.000	\$0			\$100,000.000
Alice	\$100,000	100000	\$0	\$110,000	\$110,000	\$1.00	\$11,000	\$99,000	\$0.90000	\$90,000.000	\$90,000	\$199,000	\$1.00000	\$90,000.000
Bob	\$10,000	10000	\$0							\$9,000.000	\$9,000			\$9,000.000



#### Funds Allocation (T=1')



## USDi Ticket exchange (T=1")



## Final Stage

