FAIRDAPP.COM

Infinity – Game Info

Warning:
FairDAPP – Infinity is a system designed to explore human behavior using infinite loops of token redistribution through open source smart contract codes and pre-defined rules. This system is for internal use only and all could be lost by sending anything to this contract address.

Background:
Inspired by P3D, Fomo, Zethr, ETH.TOWN and all other clones, FairDAPP – Infinity is a system built to fix the inefficiencies, problems and unfairness of other DAPPs. The FairDAPP team is determined to build DAPPs with openness (all our DAPPs will be opensource), fairness (no/lesser premines) and smoother curves (no significant disadvantages to latecomers).

How it works:
The system runs in rounds and stages, each round is independent of any other rounds for the exception of jackpot sharing. Any purchases made in the current round will not carry over to the next round and similarly any previous round purchases will not be carried into current round.

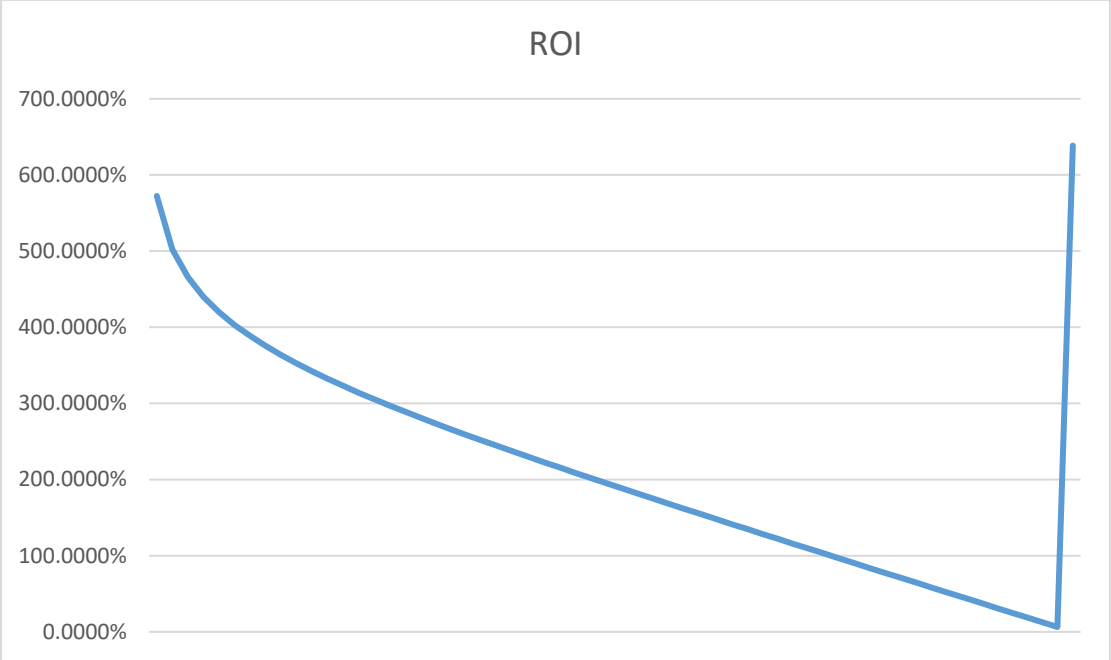
Each round is made of many stages. The initial stage (stage one) starts with a predefined timer and ETH target, before the timer expires, if current stage ETH target is met, the system will automatically move onto the next stage with a higher ETH target. Eventually when the ETH target is so high that it could not be met, the game ends and moves onto the next round where everything starts again from stage one.

Incentives:
The system is built based on two very simple incentive structure. At the end of each stage, if the stage ETH target has been met, a large percentage of this ETH will be given out evenly in proportion to all previous stage participants, most of the remaining ETH will be put away into the jackpot. As the system progresses, jackpot grows and ETH target grows with the stage advancement, in the inevitable failure of achieving the ETH target, the last stage participants proportionally win the jackpot and their initial ETH input in the stage failed to reach the target.

Settings and limitations:
- Stage duration: 24 hours
- Stage one target: 10 ETH
- Stage ETH target growth: previous stage + 10%
- Dividend: 70%
- Jackpot: 28%
- Scientists (Dev): 2%
- Jackpot paid to winning stage: 70%, 30% remaining goes to the next round
- Referral Link: 10%, taken from dividend %
- Anti-Whale: each player cannot send more than 5% of stage ETH target in the first 10 stages and no more than 50% in each stages after stage 10. They can however participate in many stages (5% in stage one, 5% in stage two etc). ETH over the limit will be refunded.
- Anti-Spam: any amount below 0.0001 ETH sent to the contract will be considered as donation to the scientists.

System model using above parameter settings and assuming the round ends on stage 60:

Stage	ICO Amount	Dividend	Scientists	Dividend per ETH	Jackpot	ROI
1	10	7	0.2	0.7	2.8	572.2956%
2	11	7.7	0.22	0.366666667	5.88	502.2956%
3	12.1	8.47	0.242	0.255891239	9.268	465.6289%
4	13.31	9.317	0.2662	0.200754148	12.9948	440.0398%
5	14.641	10.2487	0.29282	0.167871124	17.09428	419.9643%
6	16.1051	11.27357	0.322102	0.146113788	21.60371	403.1772%
7	17.71561	12.400927	0.3543122	0.130712591	26.56408	388.5659%
8	19.487171	13.64102	0.38974342	0.119282557	32.02049	375.4946%
9	21.4358881	15.005122	0.428717762	0.110498525	38.02254	363.5663%
10	23.57947691	16.505634	0.471589538	0.103565251	44.62479	352.5165%
11	25.9374246	18.156197	0.518748492	0.097976545	51.88727	342.1600%
12	28.53116706	19.971817	0.570623341	0.093394837	59.87599	332.3623%
13	31.38428377	21.968999	0.627685675	0.089586333	68.66359	323.0228%
14	34.52271214	24.165899	0.690454243	0.08638396	78.32995	314.0642%
15	37.97498336	26.582488	0.759499667	0.083665131	88.96295	305.4258%
16	41.77248169	29.240737	0.835449634	0.08133785	100.6592	297.0593%
17	45.94972986	32.164811	0.918994597	0.079331722	113.5252	288.9255%
18	50.54470285	35.381292	1.010894057	0.07759196	127.6777	280.9923%
19	55.59917313	38.919421	1.111983463	0.07607528	143.2455	273.2331%
20	61.15909045	42.811363	1.223181809	0.074747034	160.37	265.6256%
21	67.27499949	47.0925	1.34549999	0.073579157	179.207	258.1509%
22	74.00249944	51.80175	1.480049989	0.072548676	199.9277	250.7930%
23	81.40274939	56.981925	1.628054988	0.071636608	222.7205	243.5381%
24	89.54302433	62.680117	1.790860487	0.07082713	247.7925	236.3745%
25	98.49732676	68.948129	1.969946535	0.070106955	275.3718	229.2917%
26	108.3470594	75.842942	2.166941189	0.069464843	305.7089	222.2810%
27	119.1817654	83.427236	2.383635308	0.068891227	339.0798	215.3346%
28	131.0999419	91.769959	2.621998838	0.068377917	375.7878	208.4454%
29	144.2099361	100.94696	2.884198722	0.067917866	416.1666	201.6076%
30	158.6309297	111.04165	3.172618594	0.067504976	460.5833	194.8159%
31	174.4940227	122.14582	3.489880454	0.067133954	509.4416	188.0654%
32	191.943425	134.3604	3.838868499	0.066800183	563.1857	181.3520%
33	211.1377675	147.79644	4.222755349	0.066499622	622.3043	174.6719%
34	232.2515442	162.57608	4.645030884	0.066228722	687.3348	168.0220%
35	255.4766986	178.83369	5.109533972	0.065984358	758.8682	161.3991%
36	281.0243685	196.71706	5.62048737	0.065763768	837.5551	154.8007%
37	309.1268053	216.38876	6.182536107	0.065564508	924.1106	148.2243%
38	340.0394859	238.02764	6.800789717	0.065384407	1019.322	141.6679%
39	374.0434344	261.8304	7.480868689	0.065221535	1124.054	135.1294%
40	411.4477779	288.01344	8.228955558	0.065074173	1239.259	128.6073%
41	452.5925557	316.81479	9.051851114	0.064940784	1365.985	122.0998%
42	497.8518112	348.49627	9.957036225	0.064819994	1505.384	115.6058%
43	547.6369924	383.34589	10.95273985	0.064710575	1658.722	109.1238%
44	602.4006916	421.68048	12.04801383	0.064611423	1827.394	102.6527%
45	662.6407608	463.84853	13.25281522	0.064521548	2012.934	96.1916%
46	728.9048369	510.23339	14.57809674	0.064440061	2217.027	89.7394%
47	801.7953205	561.25672	16.03590641	0.064366159	2441.53	83.2954%
48	881.9748526	617.3824	17.63949705	0.064299123	2688.483	76.8588%
49	970.1723378	679.12064	19.40344676	0.064238303	2960.131	70.4289%
50	1067.189572	747.0327	21.34379143	0.064183111	3258.944	64.0050%
51	1173.908529	821.73597	23.47817058	0.064133019	3587.638	57.5867%
52	1291.299382	903.90957	25.82598763	0.064087548	3949.202	51.1734%
53	1420.42932	994.30052	28.4085864	0.064046267	4346.922	44.7647%
54	1562.472252	1093.7306	31.24944504	0.064008785	4784.415	38.3600%
55	1718.719477	1203.1036	34.37438954	0.063974748	5265.656	31.9592%
56	1890.591425	1323.414	37.81182849	0.063943838	5795.022	25.5617%
57	2079.650567	1455.7554	41.59301134	0.063915763	6377.324	19.1673%
58	2287.615624	1601.3309	45.75231248	0.063890261	7017.856	12.7757%
59	2516.377186	1761.464	50.32754373	0.063867096	7722.442	6.3867%
60	1000				6385.709	638.5709%



警告：

FairDAPP – Infinity 是基於智慧合約系統下的開原始程式碼程式，用於探索人類在代幣重新分配的無限迴圈中的行為動作。本實驗系統僅供內部使用，任何發往本合約的資訊都可能會丟失。

背景：

靈感來自於 P3D, Fomo, Zethr, ETH.TOWN 以及其他一些克隆產品。FairDAPP – Infinity 用以解決在其他 DAPP 中出現的低效、不公平等等問題。FairDAPP 團隊決心構建一個開放（我們所有的 DAPP 程式都是開源的），安全（減少漏洞）和更加平衡的（對後來的參與者而言沒有明顯的不公平）的科研實驗系統。

系統介紹：

本實驗系統分輪次和階段運行，除底池以外，每一輪次獨立於其他輪。在當前輪次中進行的任何購買行為都不會延續到下一輪，同樣，之前的任何一輪購買也不會延續到當前輪。

每一輪由許多階段組成。初始階段（第一階段）以一個預設 ETH 目標數量和倒計時開始，在倒計時結束之前，如果達到當前階段的 ETH 購買目標，系統將自動開始第二階段（下一個更高的 ETH 數量），以此類推。最終，當 ETH 目標過高，倒計時結束時無法實現購買目標時，當前實驗結束，進入下一輪次，一切從第一階段重新開始。

獎勵機制：

本實驗系統建立在兩個非常簡單的獎勵機制之上。在每個階段結束時，如完成了階段 ETH 目標，將會按照之前所有階段參與者的比例平均分配大部分 ETH，餘下的 ETH 將會進入底池大獎中。隨著實驗的進行，階段的推進，目標 ETH 會不斷的上升，當最終達到 ETH 目標不可避免的失敗時，最後階段的參與者將按比例贏得底池大獎。

設置和限制：

- 每階段持續時間：24 小時
- 第一階段目標：10ETH
- 每階段目標 ETH 增長比例：前一階段+10%
- 每階段分配股息比重：70%
- 底池大獎比重：28%
- 科學家團隊（Dev）：2%
- 底池大獎分配比重：70%，剩余的 30%留到下一轮
- 推薦鏈接：10%，從股息中扣除
- 公平性限制：在前 10 個階段，每個參與者不能發送超過 5%的階段目標 ETH，在 10 個階段后，每個參與者不能超過 50%的階段目標，但是可以參與到多個階段中（第一階段 5%，第二階段 5%等等）。超出限額的 ETH 將被退還。
- 防攻擊限制：任何數量低於 0.0001ETH 的發送將視為對科學家們的捐贈。

實驗系統使用上述參數設置，假設到第 60 階段結束輪次：