# User Manual - Cube Timer by Anda Su

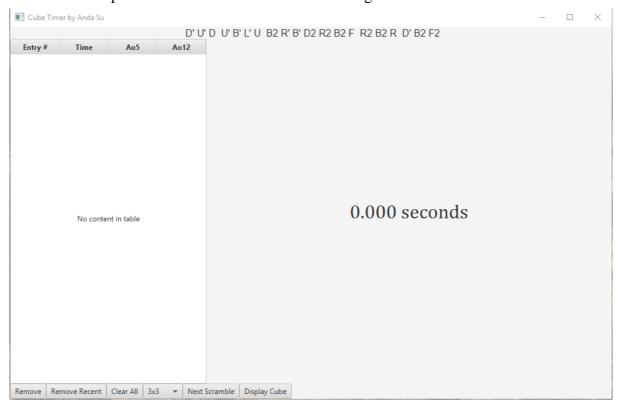
# Features

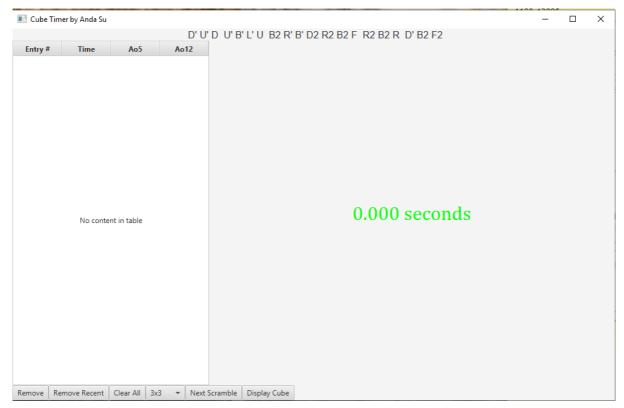
- Timer
- Scramble Generator
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## Timer

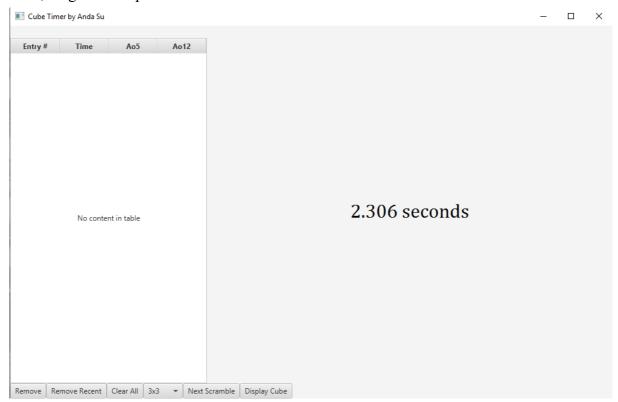
#### Using the timer:

Press and hold spacebar until the text of the timer turns green.



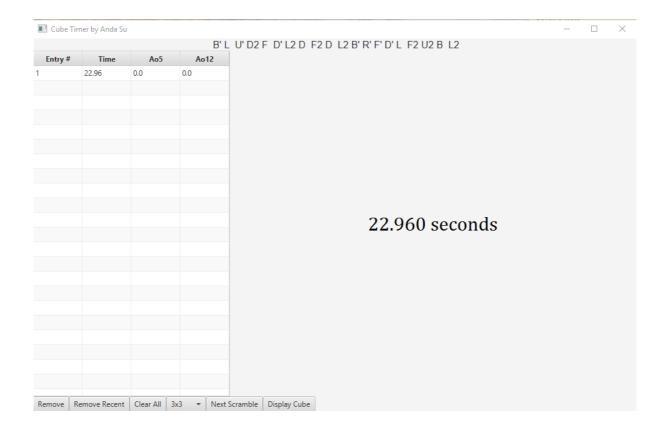


Then, let go of the spacebar to start the timer.



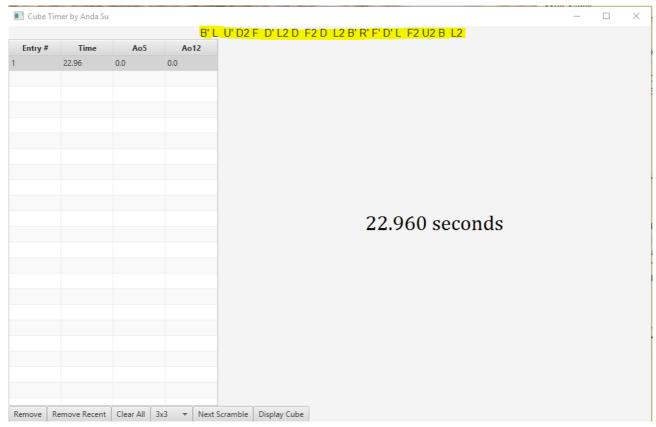
## Stopping the timer:

Once the timer has started, press the spacebar again to stop the timer.



#### Scramble Generator

The app features a scramble generator located at the top. This will generate a scramble for cubes from sizes 2x2 all the way to 5x5.



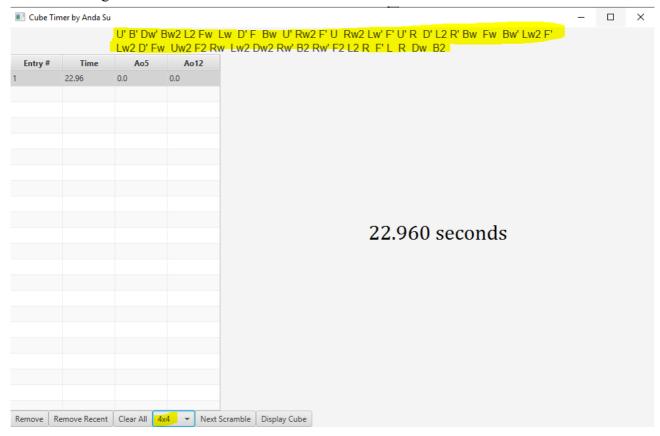
To generate a new scramble, press "Next Scramble" at the bottom of the screen.



The size of the cube that is being used can be changed at the bottom of the screen.

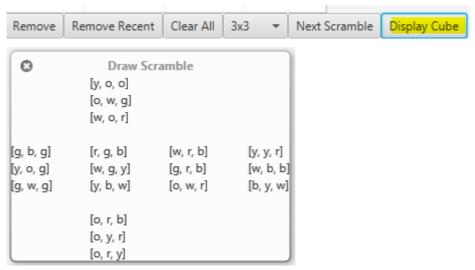


This will then generate a new scramble based on the size selected.



## Scrambled Cube Drawing

Pressing "Display Cube" at the bottom will enable/disable the drawing of the cube. This will show the final scrambled state of the cube, following the generated scramble found at the top of the app.



## Table of Records

Times will be automatically entered upon each stop of the timer. It will also calculate the average of 5 and average of 12 times.

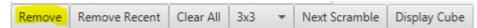
Entry #	Time	Ao5	Ao12
1	0.655	0.0	0.0
2	1.915	0.0	0.0
3	1.244	0.0	0.0
4	0.716	0.0	0.0
5	4.326	1.292	0.0
6	1.324	1.494	0.0
7	1.132	1.233	0.0
8	0.82	1.092	0.0
9	0.743	1.092	0.0
10	0.881	0.944	0.0
11	0.761	0.821	0.0
12	0.637	0.775	1.019
13	0.768	0.757	1.03
14	0.9	0.803	0.929

To remove a specific time:

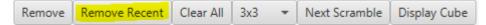
Highlight an entry you wish to delete by clicking it with the mouse.

Time	Ao5	Ao12
0.655	0.0	0.0
1.915	0.0	0.0
1.244	0.0	0.0
0.716	0.0	0.0
4.326	1.292	0.0
1.324	1.494	0.0
1.132	1.233	0.0
0.82	1.092	0.0
0.743	1.092	0.0
0.881	0.944	0.0
0.761	0.821	0.0
0.637	0.775	1.019
0.768	0.757	1.03
0.9	0.803	0.929
	0.655 1.915 1.244 0.716 4.326 1.324 1.132 0.82 0.743 0.881 0.761 0.637 0.768	0.655     0.0       1.915     0.0       1.244     0.0       0.716     0.0       4.326     1.292       1.324     1.494       1.132     1.233       0.82     1.092       0.743     1.092       0.881     0.944       0.761     0.821       0.637     0.775       0.768     0.757

Then, press "Remove" at the very bottom of the timer.



To remove the most recent time, press "Remove Recent" at the bottom of the screen.



To clear all your times, press "Clear All" at the bottom of the screen.

