
studicad

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GETTING STARTED

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Welcome to the studicad documentation page. Here you can find how to use my software. Hello from Estonia!

GETTING STARTED

Where to begin?

IDK :)

TOOLCAD DOCS

Here You can read about how to use **Toolcad** software



2.1 Toolcad

Toolcad v22 is a very useful app for WorldSkills Shanghai and other similar competitions.

It can be downloaded using *SoftHub* launcher from [here](#).

Toolcad 22.0.0.4 change list:

- *Settings Page* added. You can change background. Enable and disable *Combined Page* button.
- *Combined Page* added. You can see 4 pages in one and scale them.
- Loading is a bit faster.

Toolcad 22.0.0.5 change list:

- Fixed some bugs when app crashed.
- Loading is more faster.

- Window' navigation line is also *Papercad* color.
- Now you can change image in *Gurneys Page* using *Settings Page*.
- On the right bottom you can see current page.
- Now you can't do anything with pages from *Combined Page*.

Toolcad 22.0.0.6 change list:

- *Order Board* and *Gurneys* swapped in *Combined Page*.
- Forbidden cells in *Order Board Page* and *Shelf Page* are gray now.
- *Timer Page* bug fixes - it is normal now :)

Toolcad 22.0.0.7 change list:

- Here is *Mobile Robotics* instead of *Abdrakov corp.* at the top of window now.
- Loading is faster.

Toolcad 22.0.0.8 change list:

- *Info Page* added.
- Computer info indicators added.
- Contact info changed.
- Lines in *Combined Page* changed.
- Random for *Order Board Page* and *Shelf Page* is better now.
- Input boxes changed.
- Other small changes and fixes.

Toolcad 22.0.0.9 change list:

- Loading is a bit faster.
- Some bug fixes.

Toolcad 22.0.0.10 change list:

- Settings part added to *Order Board Page*. Now You can randomize more specifically.
- Funny sentences added to the loading window.

Toolcad 22.0.0.11 change list:

- Timer is more correct now, but there still could be some lags.
- New logic in splash window.
- Loading is faster.
- Can be downloaded from SoftHub.

Toolcad 22.0.0.12 change list:

- Bug fixes.

2.2 Toolcad Order Board

Here is the *OrderBoard* Page:

The interface displays a 7x7 grid for the Order Board. The columns are labeled R1, R2, R3, R4, R5, and NS. The rows are labeled DELIVER and RET. To the right of the grid, there are two sections: DELIVER and RETRIEVE. Each section has a table for selecting colors and their counts. The DELIVER section has a table with Yellow (4) and White (4) in the first row, and Blue (4) and Gurney (4) in the second row. Below this table are buttons for 'Clean' and 'Random'. The RETRIEVE section has a table with Yellow (2) and White (2) in the first row, and Blue (2) and Gurney (2) in the second row. Below this table are buttons for 'Clean' and 'Random'. At the bottom right, there is a 'Status: None' indicator and a settings gear icon.

	R1	R2	R3	R4	R5	NS
DELIVER						
RET						

DELIVER

Yellow	White
4	4
Blue	Gurney
4	4

Clean Random







RETRIEVE

Yellow	White
2	2
Blue	Gurney
2	2

Clean Random

Status: None

You can select cells where you don't want elements to be spawned by clicking on them:

	R1	R2	R3	R4	R5	NS
D E L I V E R						
						
						
R E T						
						

On the right side you can manage how many of each elements should be spawned on the DELIVER and RET sides of the *OrderBoard*:


DELIVER

Yellow	White
4	4
Blue	Gurney
4	4
Clean	Random

RETRIEVE

Yellow	White
2	2
Blue	Gurney
2	2
Clean	Random

Status: None



Random button will randomize elements and *Clean* button will clear everything on the *OrderBoard* except forbidden cells:

Clean

Random

Status will show you if everything is OK if not check out page with error codes:

A dark teal rectangular box with the text "Status: Ok" in a white, stylized font.

Order Board Settings button will open configuration for *Order Board* randomizer:

A dark teal rectangular screen with white text and icons. It is divided into two main sections: "DELIVER" and "RETRIEVE". Each section has four settings: MIR-Y, MIR-W, MIR-B, and MIR-G, each with a question mark icon and a numerical value in a dark box. Below the "RETRIEVE" section are two settings: "DEL-RET-G" and "NS-G", each with a question mark icon and a red "X" icon. A gear icon is in the bottom right corner.

DELIVER	
MIR-Y ?	MIR-W ?
2	3
MIR-B ?	MIR-G ?
3	1

RETRIEVE	
MIR-Y ?	MIR-W ?
2	2
MIR-B ?	MIR-G ?
2	1

DEL-RET-G ?	X
NS-G ?	X



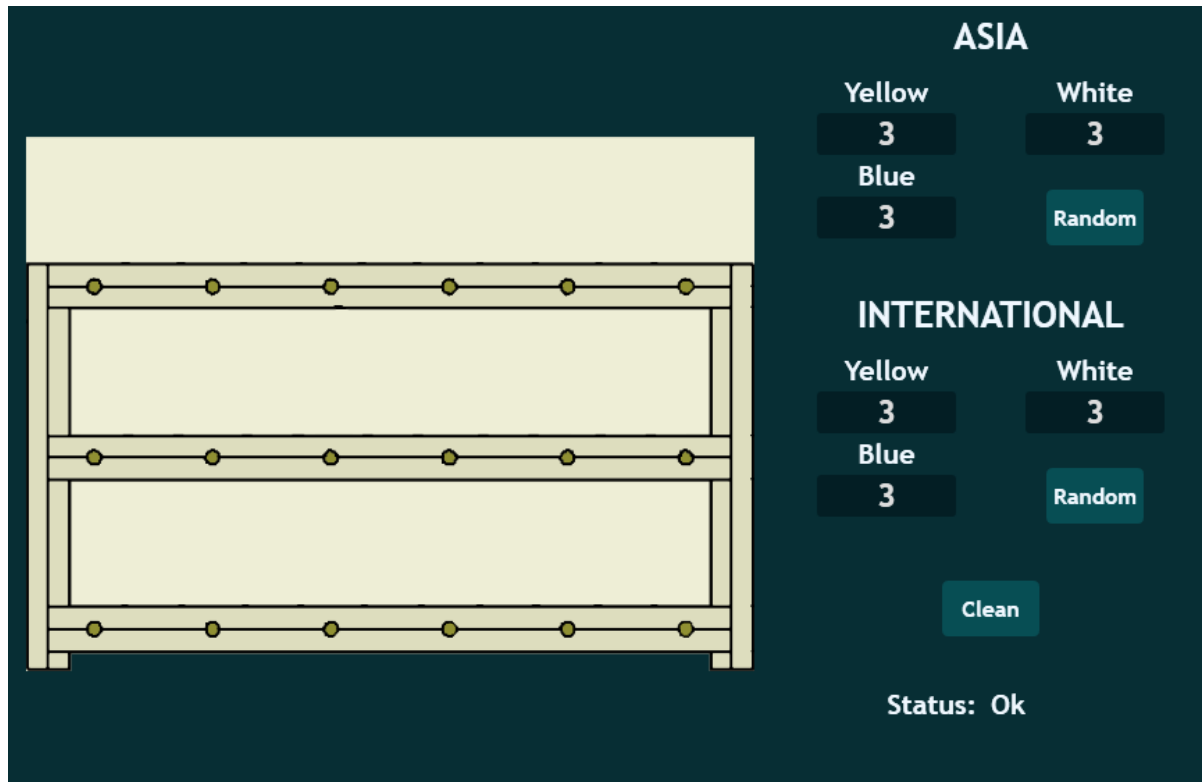
MIR-(X) (Max In a Room) settings are used to control max amount of elements of selected color, that can be spawned in a room.

DEL-RET-G setting is used to control gurneys spawns in DELIVER and RET. If *true* - gurneys can be spawned in DELIVER and RET in the same room. If *false* - they can't.

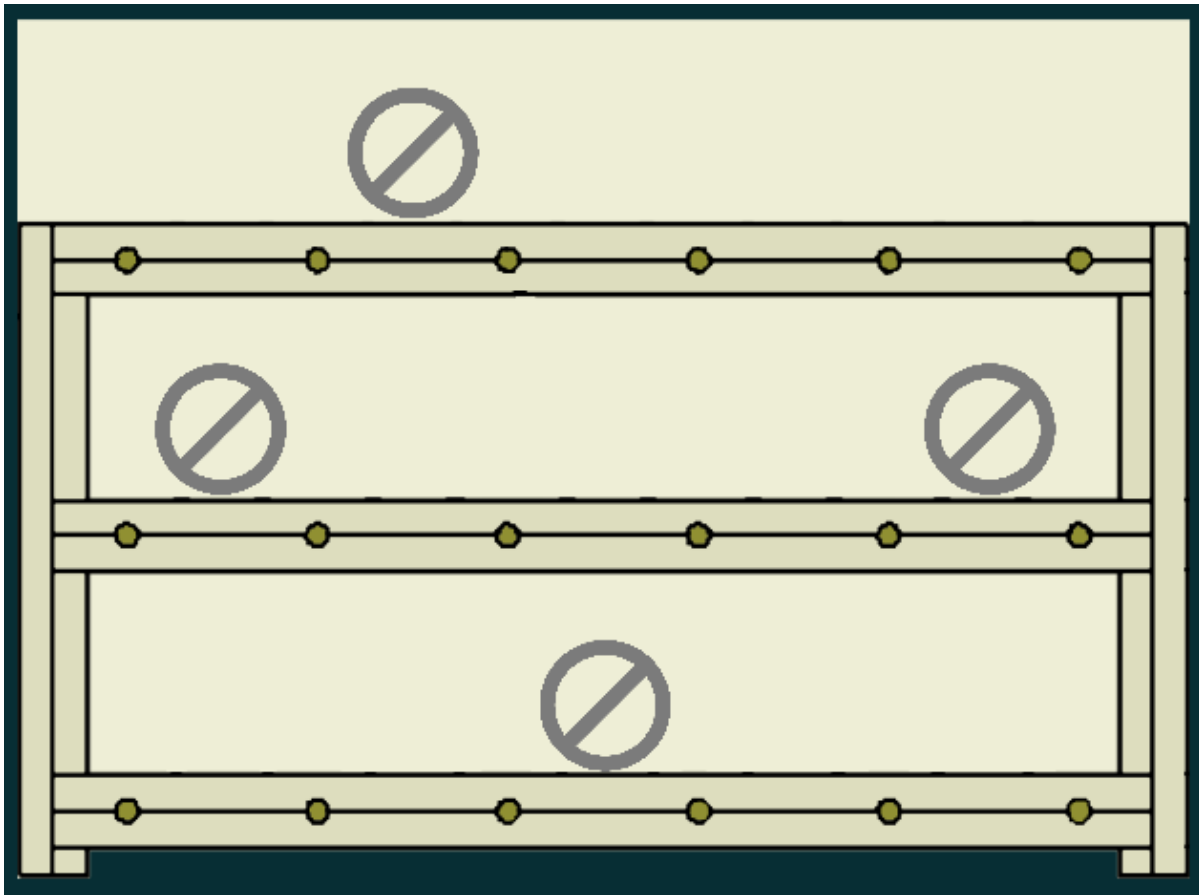
NS-G setting is used to control gurneys spawn in NS room. If *true* - gurneys can be spawned in DELIVER or/and RET in the NS room. If *false* - they can't.

2.3 Toolcad Shelf

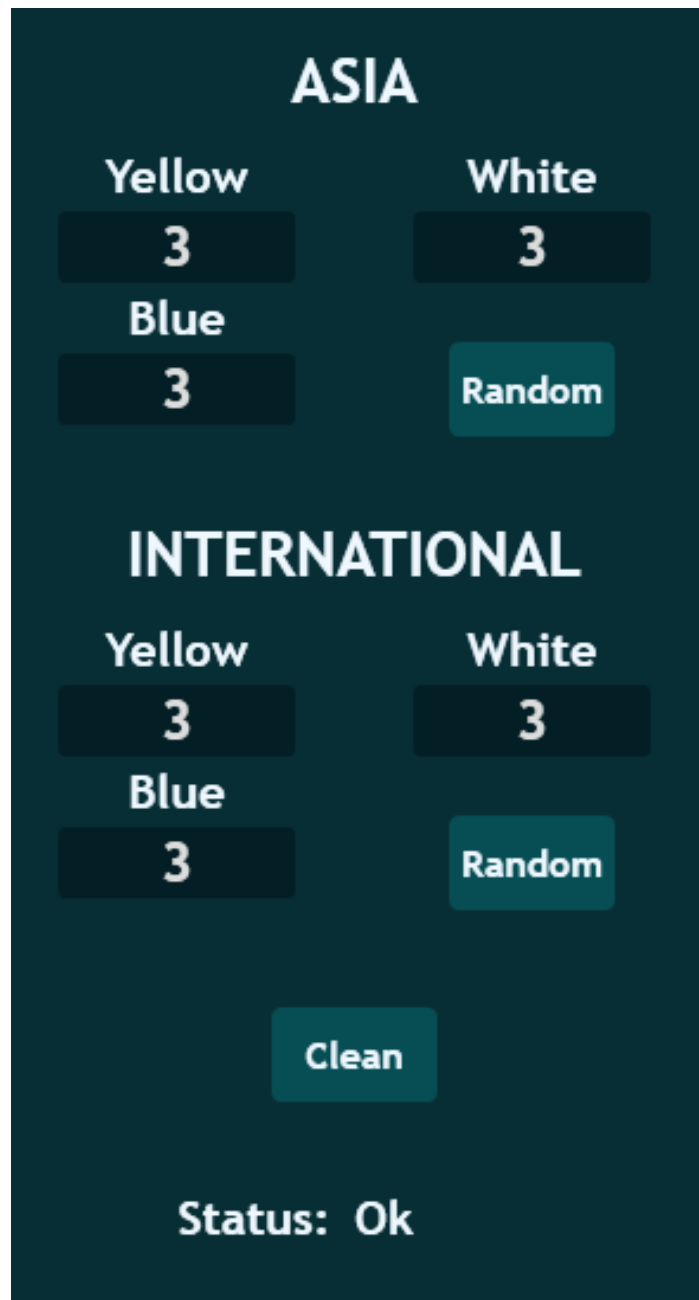
Here is the *Shelf* Page:



You can select places where you don't want cubes to be spawned by clicking on them:



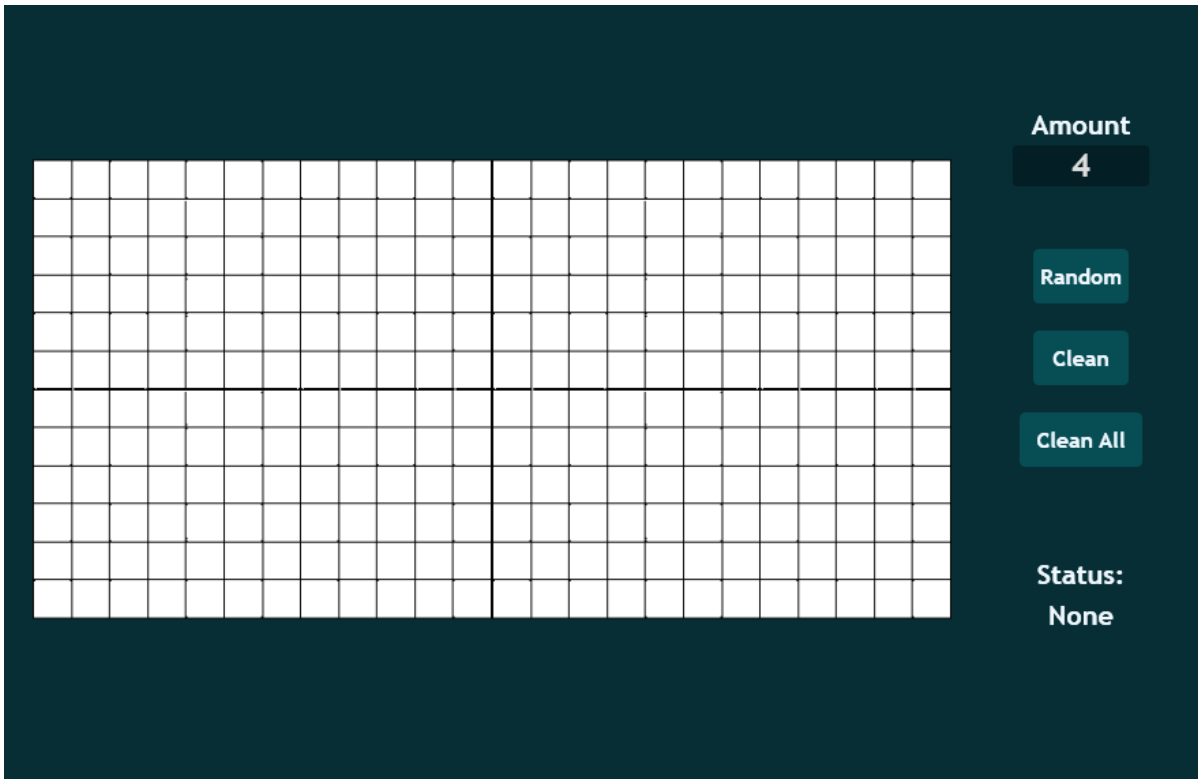
On the right side you can manage how many of each cube you want to be spawned. There are two different modes of cube spawn: *ASIA* and *INTERNATIONAL*. *ASIA*: yellow cubes will spawn on the first floor, blue - on the second and white - on the third. *INTERNATIONAL*: different cubes will spawn in different places:



Random button will randomize cubes and *Clean* button will clear everything on the *Shelf* except forbidden places. *Status* will show you if everything is OK if not check out page with error codes.

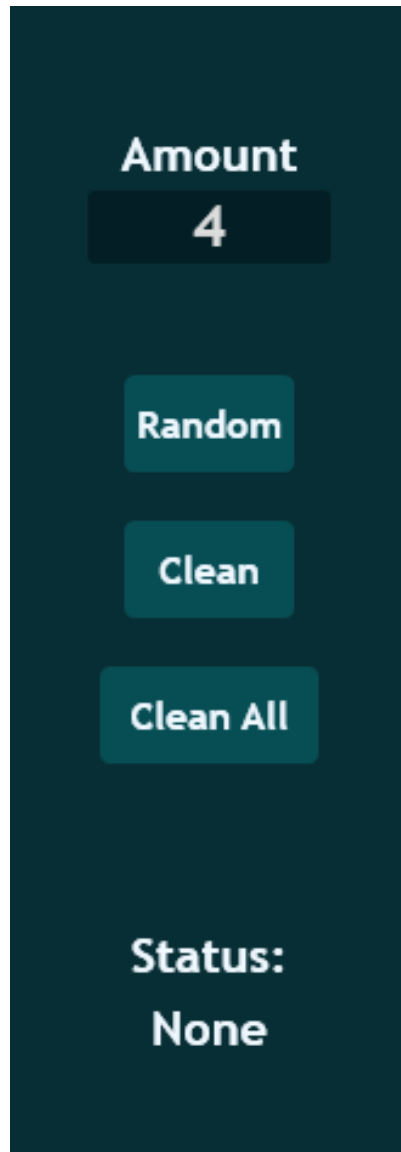
2.4 Toolcad Gurneys

Here is the *Gurneys* Page:

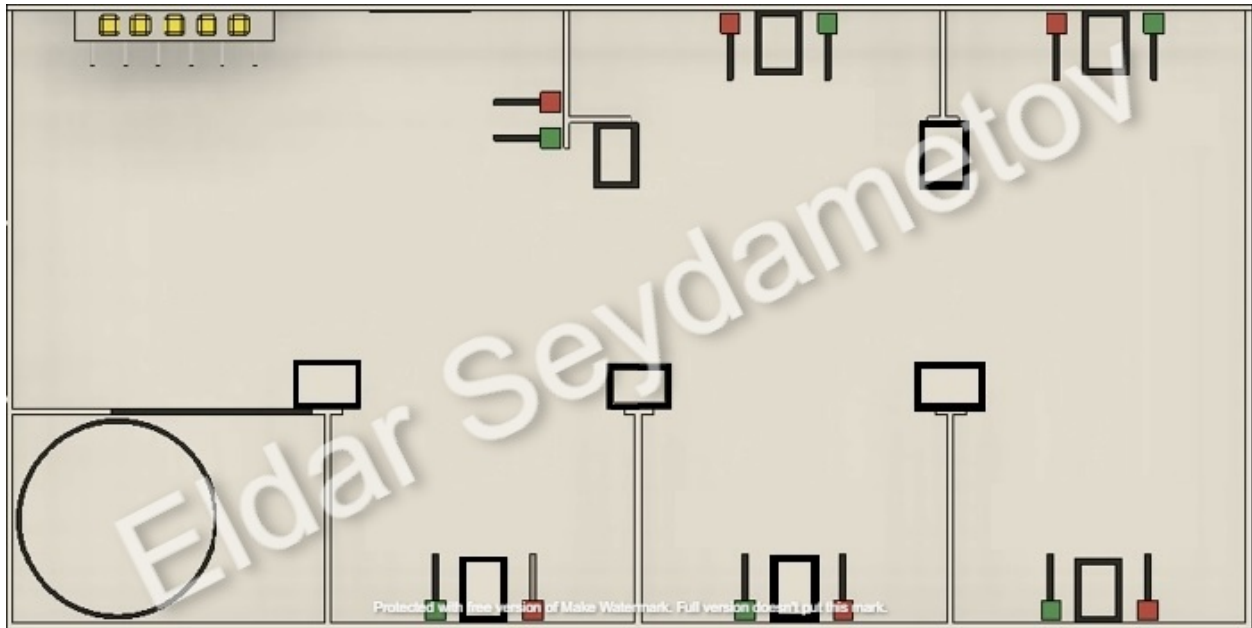


The screenshot shows the 'Gurneys' page in the Toolcad application. It features a large 20x20 grid of squares on a dark teal background. To the right of the grid is a control panel. At the top of the panel, the word 'Amount' is displayed above a dark teal button with the number '4'. Below this are three more buttons: 'Random', 'Clean', and 'Clean All', all in a lighter teal color. At the bottom of the panel, the text 'Status:' is followed by 'None'.

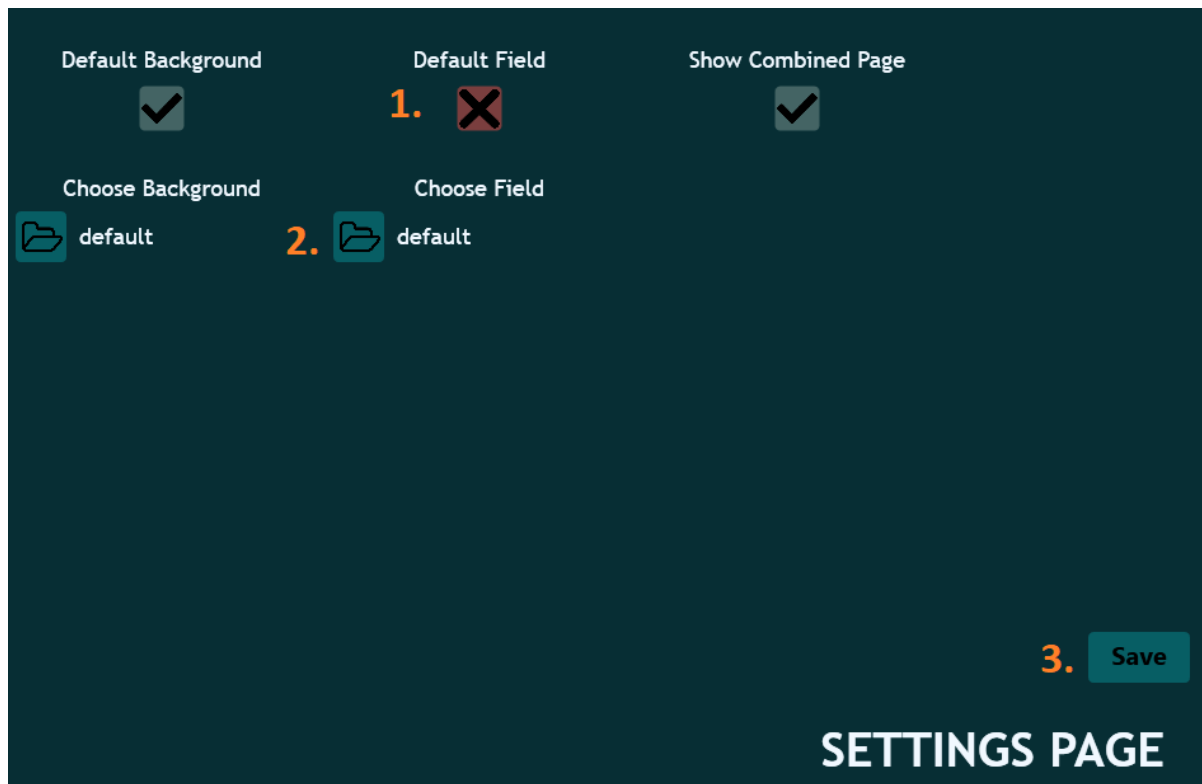
Imagine we have this strange and shity field (1337/1488 shakals):



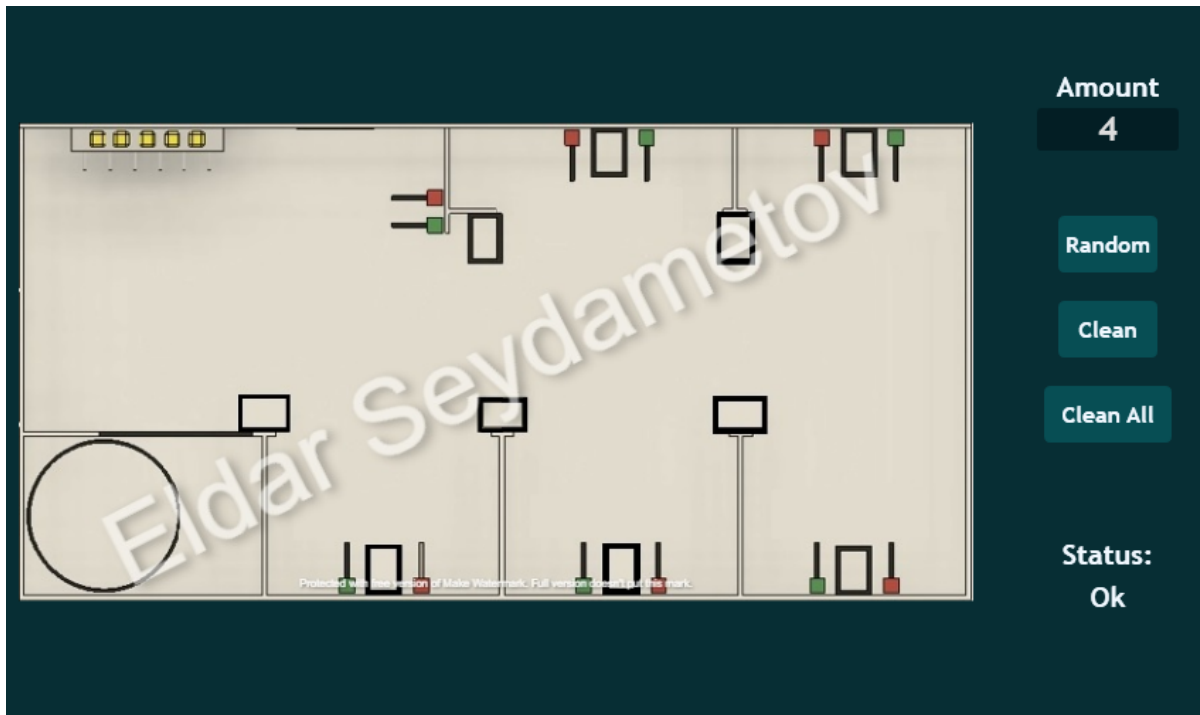
Also you can upload you own image using *Settings Page*. For example I have this image:



And then I upload it by disabling *Default Field* setting and clicking on the *Choose Field* button. Then I select the image I want to upload. And then I click *Save* button in *Settings Page*.



Now I have *Gurneys Page* look like this:



Then I place squares approximately near the places where they can be and press *Random* button:

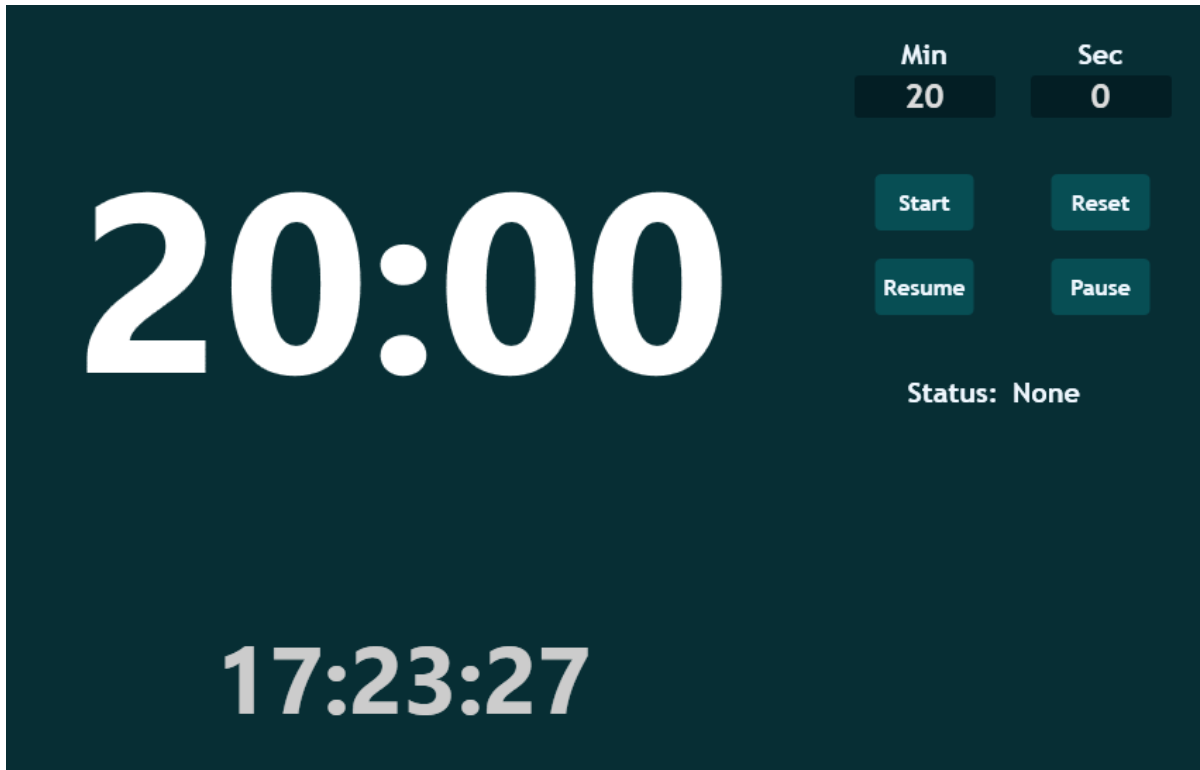


Random button will randomize gurneys, *Clean* button will clear everything on the field except selected places and *Clean All* will clean everything.

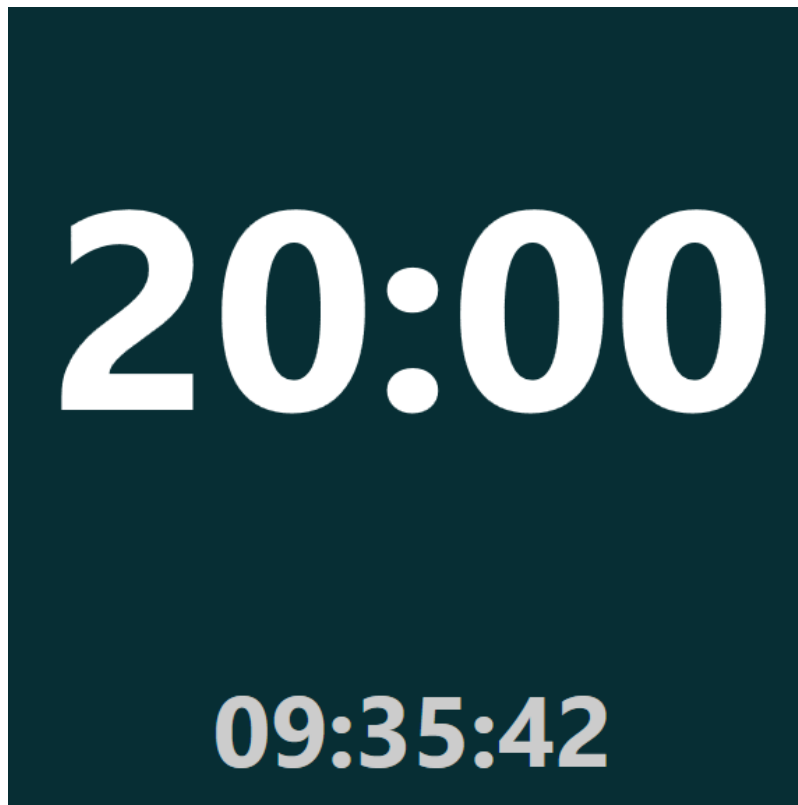
Status will show you if everything is OK if not check out page with error codes.

2.5 Toolcad Timer

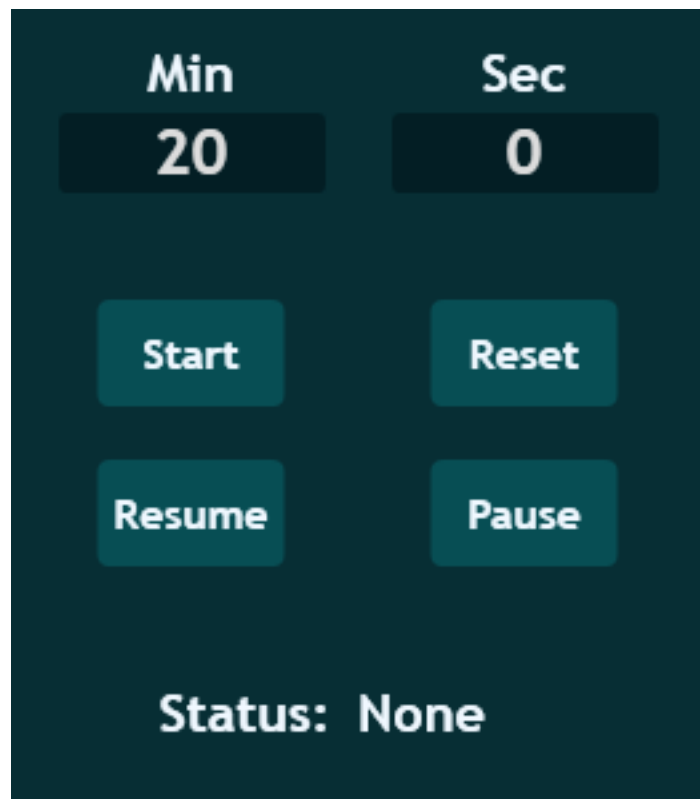
Here is the *Timer* Page:



On the center you can see your timer and your current time:



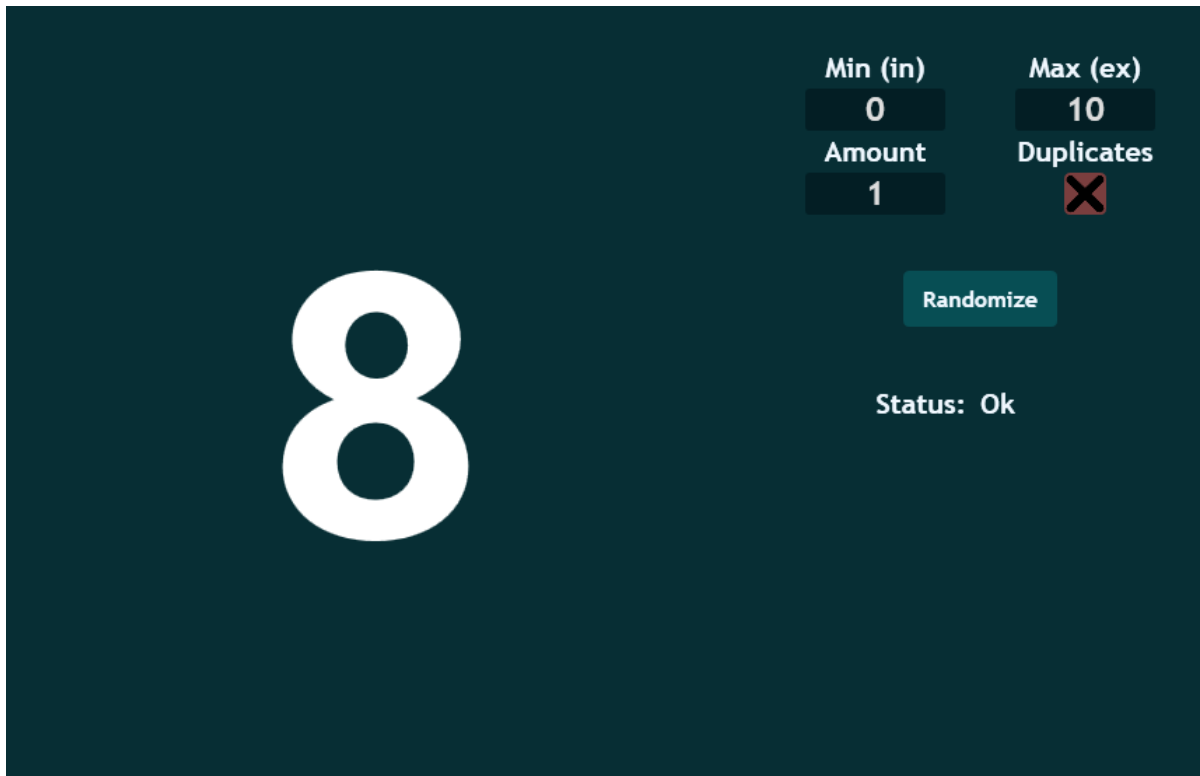
On the right side you can manage timer settings. *Start* buttons will start timer. *Reset* - will reset. *Resume* - will resume if it is paused. *Pause* - will pause.



Status will show you if everything is OK if not check out page with error codes:

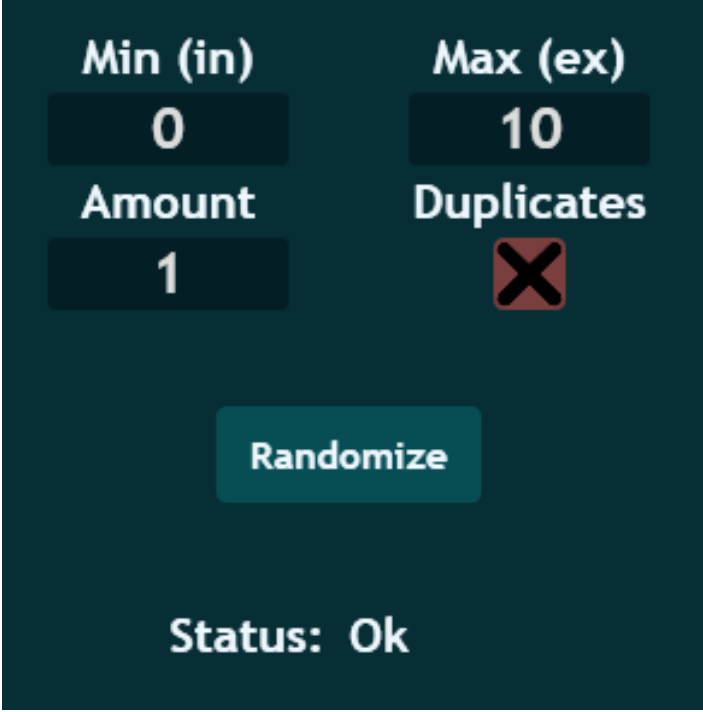
2.6 Toolcad Random

Here is the *Random* Page:



The screenshot shows the Toolcad Random interface. On the left, a large white number '8' is displayed on a dark teal background. On the right, there are configuration options: 'Min (in)' set to '0', 'Max (ex)' set to '10', 'Amount' set to '1', and 'Duplicates' set to a red 'X' icon. Below these options is a 'Randomize' button and a 'Status: Ok' indicator.

On the center you can see the result of the random. On the right side you can manage your randomizer. *Min* - min value (inclusive), *Max* - max value (exclusive), *Amount* - amount of numbers your want to be randomized and *Duplicates* - if true there could be duplicates in a randomized sequence, if false there won't be duplicates:



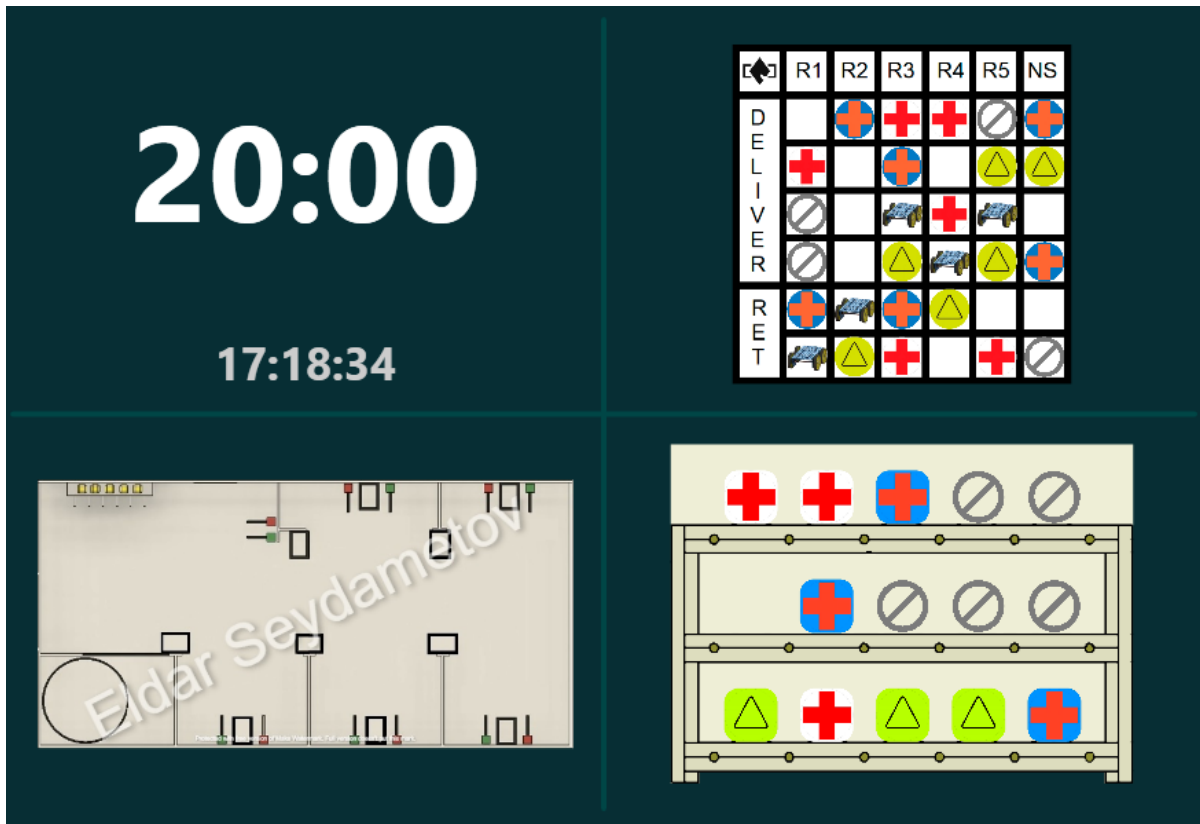
The screenshot shows a dark-themed interface with the following elements:

- Min (in)**: A label above a dark box containing the number **0**.
- Max (ex)**: A label above a dark box containing the number **10**.
- Amount**: A label above a dark box containing the number **1**.
- Duplicates**: A label above a red box containing a black **X** icon.
- Randomize**: A teal button with white text.
- Status: Ok**: A white text label at the bottom.

Status will show you if everything is OK if not check out page with error codes:

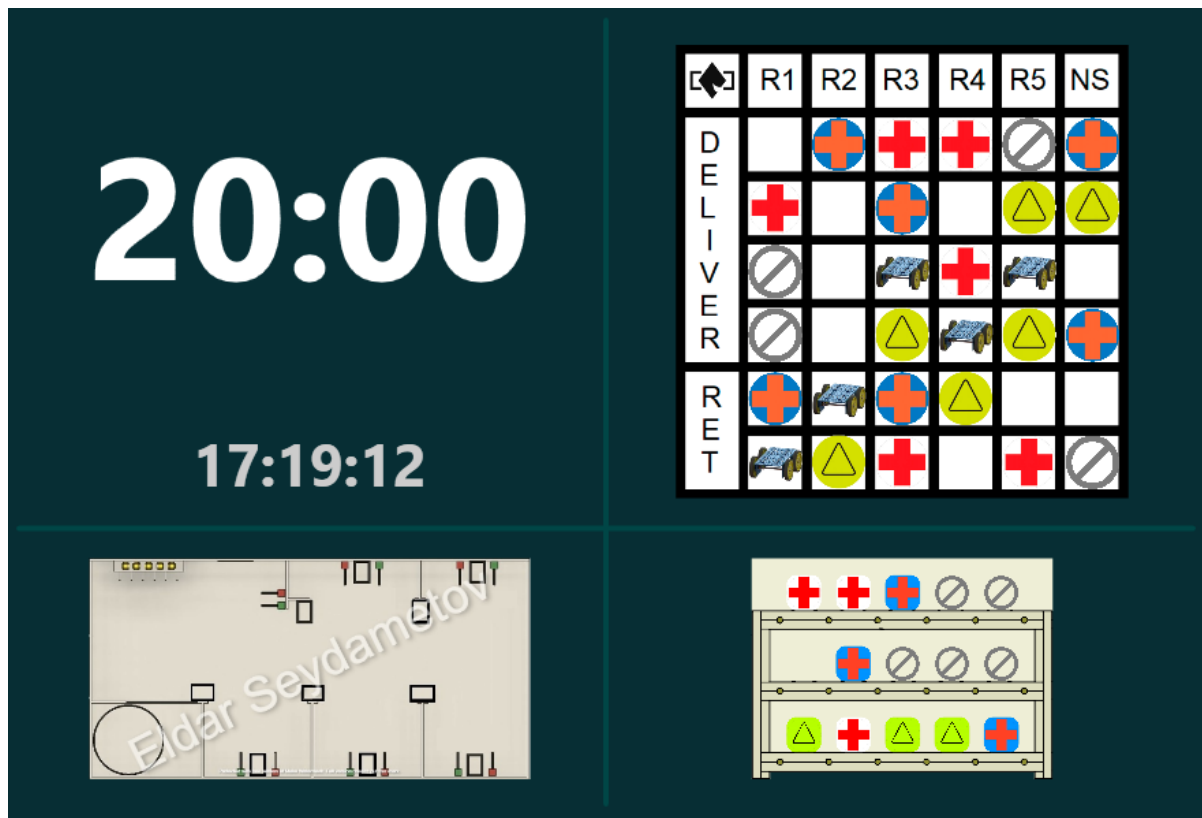
2.7 Toolcad Combined

Here is the *Combined* Page:



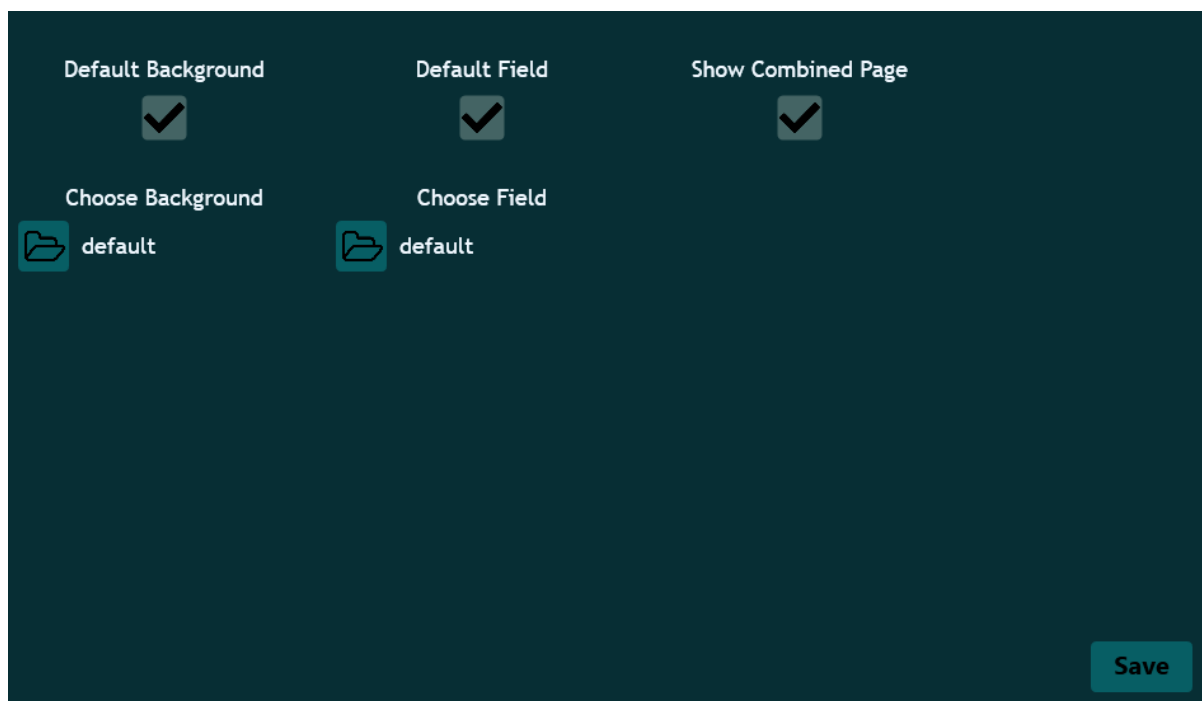
Here you can see 4 pages (Timer page, Gurneys page, Order Board page and Shelf page).

You can change size of each frame by moving this bright lines.

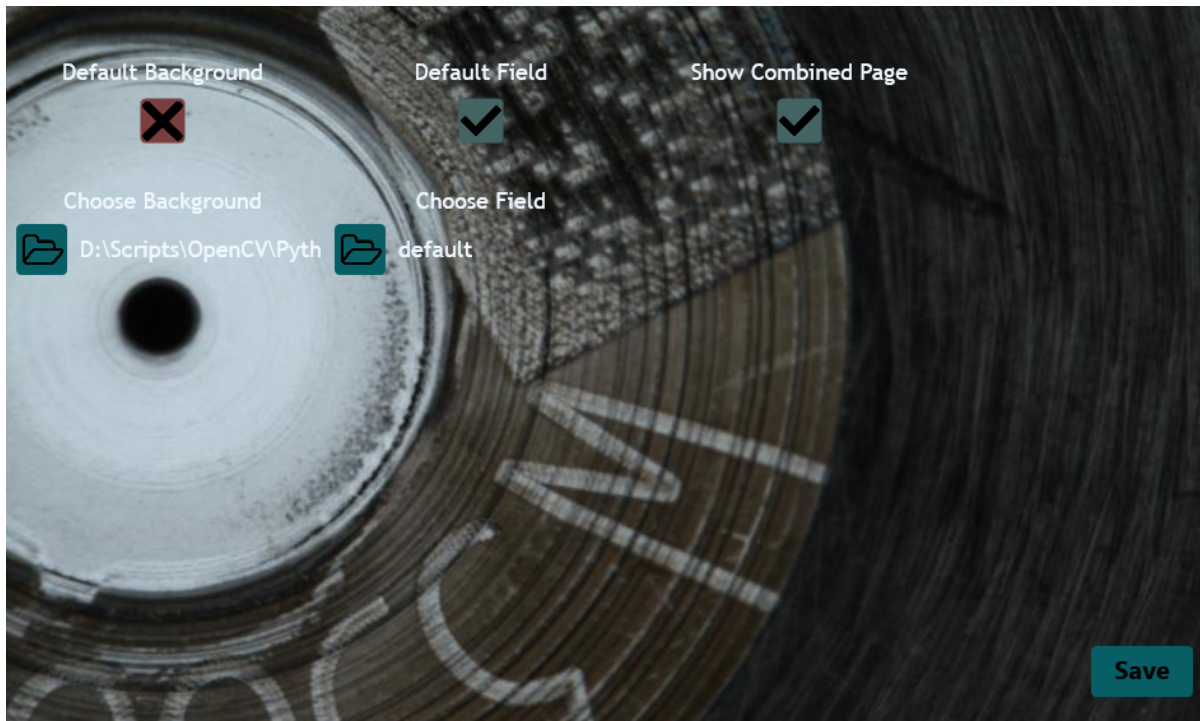


2.8 Toolcad Settings

Here is the *Settings* Page:



Here you can change apps background by setting *Default Background* to False state and choosing you image:



By disabling *Default Field* toggler and selecting your image in *Choose Field*, you can change image in *Gurneys Page*.

Also you can enable and disable *Combined Page* button.

After every change you should click *Save* button!

2.9 Toolcad Error Codes

Ok - everything is OK.

None - you didn't pressed anything yet.

Error 1 - you wrote unparseable symbols in text boxes.

Error 2 - you wrote numbers smaller than 0.

Error 3 - impossible case of randomness due to lack of space for randomness.

Error 4 - possible only in *Random* page. When you wrote $\text{Min} \geq \text{Max}$.

Error 5 - wrong values in generation settings.

Error 6 - impossible situation because of generation settings.

Error 7 - not enough space for spawn some elements because of generation settings.

Error 1337 - unhandled exception. Please contact me if you see this.

SHUFFLECAD DOCS

Here You can read about how to use **Shufflecad** software



3.1 Shufflecad

Here is some info about how to use **Shufflecad**.

BE OUR SPONSOR

If you want to help the project financially, then you can send money to any of these accounts:

- **PayPal:** paypal.me/crackanddie

NEED HELP

If You need for help please open an issue on GitHub or contact me:

- Inst: [crackanddie](#)
- Email: crackanddie@gmail.com

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