

Meshmerize 2021: Instructions to record the video

No. of people required- Two. (One person controls the bot, while the other records). In case you are a one person team or the participants do not reside close to each other, you can ask your family or friends to record the video too.

Devices required: Two. 1 smartphone with camera (to record), 1 other device to play the audio file while recording the video.

STEPS TO RECORD THE RUN

ONCE THE RUN STARTS, IT SHOULD NEVER PAUSE/ STOP/ GO BLACK. In case of any confusion the recording should be aimed at the track at all times.

STEP 1a:Download the app called [TIMESTAMP CAMERA](#) from the playstore. Timestamp camera is an app which is used to automatically add timestamp to videos in real time. Give all permission to the app to record both video and audio. Make sure that timestamp is visible while you are recording. (No need to show location, compass, altitude and other things, only timestamp is enough). Check out [this](#) video for better understanding.

STEP 1b: Make sure the track, bot, and objects (4) are all ready.

STEP 1c: Place the bot before the “START” line and leave the bot and remote there.

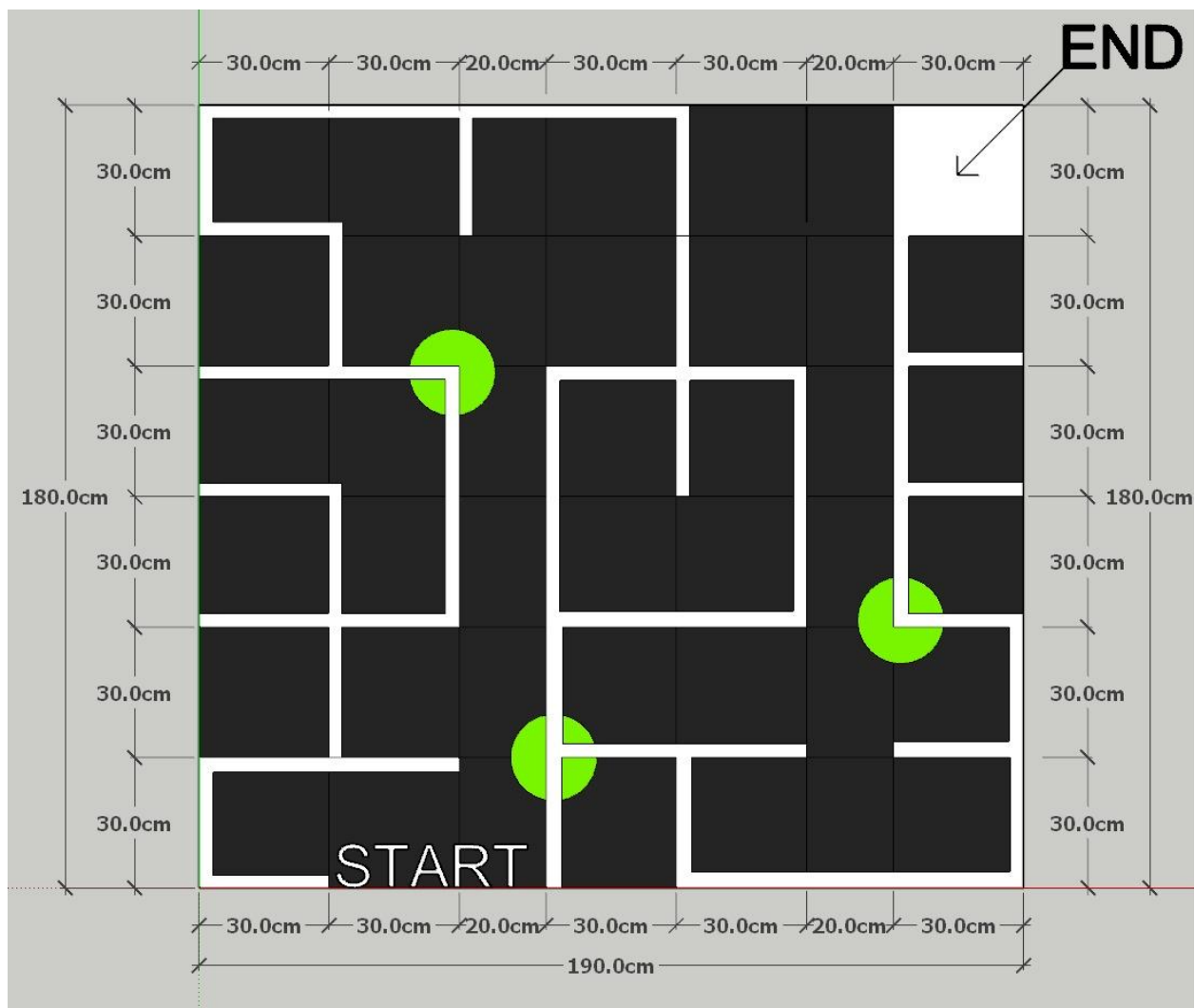
STEP 1d: Play the audio file on full volume. It should be clearly audible in the video. Do not start the video recording yet. Proceed to step 2.

STEP 2a: This step involves verification of the track. You will need a 30 cm ruler (or measuring tape), a pencil and a protractor.

STEP 2b: Person 1 (the controller) will be making the measurements of the track while person 2 will record them while doing so.

STEP 2c: Start the video recording. Make sure you have enough storage space on the device.

STEP 2d: You have to take the following measurements on video. Rulers tend to have very intricate markings, so remember to focus the camera so that every marking is clearly visible on video. Take all the time you need while doing this exercise



- Move to the next measurement only when Person 2 confirms the current one is clearly recorded on video.

- While measuring with the pencil, feel free to make markings on the track.
- To make this easier and minimise mistakes, you can put numbers on the track (1,2,3,...21) to make sure you do not forget any measurement, and cross out these numbers with your pencil after it has been properly recorded.

STEP 2e: Before moving any further, make sure you have made all measurements. If not, u can go back and record any missed measurements. The order of the measurements is of no significance.

STEP 2f: Check that all measurements are properly made, and then proceed to the next step. While checking this, do not stop the video recording and keep it aimed on the track. Take all the time you need, but never stop the recording, in case of any confusion (ruler missing/ faulty pencil tip, etc), Person 2 has to keep the camera aimed at the track.

STEP 4a: This step involves verifying the identity of Person 1. Focus the camera on him/ her. Person 1 must now say aloud their name, team name and team id.

STEP 4b: This is the buffer time before the run starts. Person 1 can now switch on the bot/ get the remote ready etc.

STEP 4c: Make sure the bot is just behind the start line

STEP 5a: Begin the run. Follow the rules as stated.

STEP 5b: Once the run ends, proceed to the next step. Do not stop the recording, the bot must not go out of the frame.

STEP 5c : Take the bot using hand and place it anywhere which is at least 60 cm from left end of the track and at least 50 cm from the right end of the track and perform the run again. Once the run

ends, proceed to the next step. Do not stop the recording, the bot must not go out of the frame.

STEP 6a: Now you have to verify the bot (that no changes have been made to the bot after abstract submission). Person 1 must use the ruler/ tape to verify the bot's dimensions, You can place it on a table and turn it over.

STEP 6b: Focus the camera on each of the six sides of the bot, hold for 5 seconds and make sure the camera is focused.

STEP 6c: You can now stop the recording. Only after you stop the recording can you stop the playback of the audio file. Remember the beats must be clearly heard all the time throughout the video.

STEP 6d: You have successfully completed the run and the recording. Great work. Now you just have to make the required submissions

PENALTIES:

Your entry will be deemed void if any of the following scenarios occur. Some of these may seem overly harsh, but not imposing these is unjust to every other team and can sabotage the competition.

- The video is not one continuous recording (Discontinuous frame cuts/ blackouts etc. occur at one or more places in the video)
- The person in control is not a part of the team or you fail to upload this person's id to the google form (aadhar/ pan/ voter id / institute id - with a recent picture and name clearly visible).
- Any of the required measurements are not made or unclear in the video or faulty.
- The beats (the audio file) stops or pauses at any point in the video. The beats would be clearly heard in the background all the

time in the video. (Keep the audio player on loop its a 1 hour playback, so ideally it shouldnt end before the run completes).

- The “RULES OF THE RUN” aren't followed in their entirety.
- Your team did not submit their abstract. Only the teams who turned in their abstracts are eligible for runs.
- The video will be subjected to the remote proctoring algorithms which check for any edits made to your video. If any of these algorithms report that the video file has been edited, your run will be considered void. You will be informed in such a case