

evolution board



MAIN GOAL

We believe that the importance of this project lies in the fact that we can find and solve the problem of the older generation. To create necessary and unusual things for this, which can make their lives more comfortable.



ABOUT US

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We are all students of the Engineering Academy in the field of architecture

REQUEST

After our survey, we concluded that it is very difficult for our grandparents to work in the garden, harvesting crops. Tomatoes were stuck as an example. To tear them off, they have to bend over every now and then, thereby loading their backs.

TARGET GROUP

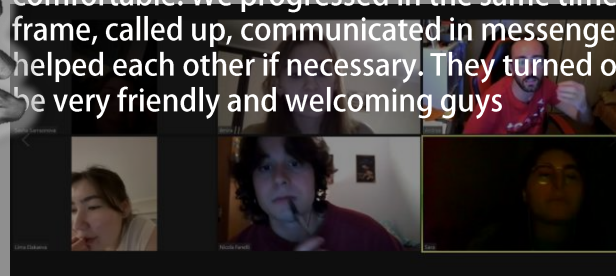
In our project, we considered the audience of the older generation: our grandparents. We conducted a survey among them to find out what moments in their lives cause discomfort.

OUT OPINION

We believe that our project will help the older generation in harvesting from the beds. This will reduce the problems with physical activity.

COMMUNICATION

Communication with the Italian team was very comfortable. We progressed in the same time frame, called up, communicated in messenger, helped each other if necessary. They turned out to be very friendly and welcoming guys



INITIAL IDEAS



MAIN PROBLEM

You have to bend over and be in this position for a long time to plant and grow plants or vegetables. Moving a watering can with water for irrigation is also not an easy task. All this leads to rapid and fatigue and even physical pain, which prevents you from fully enjoying your farming. Therefore, we really want to make life easier for our grandparents and preserve their favorite activity.

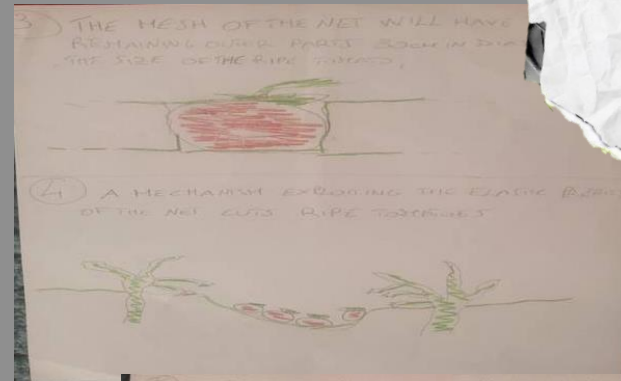
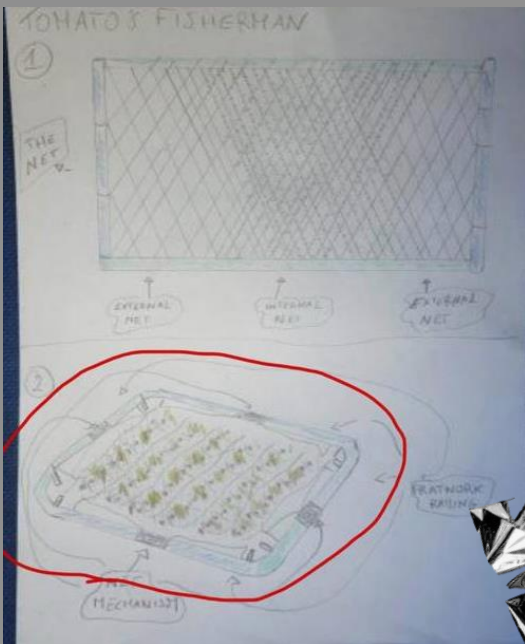
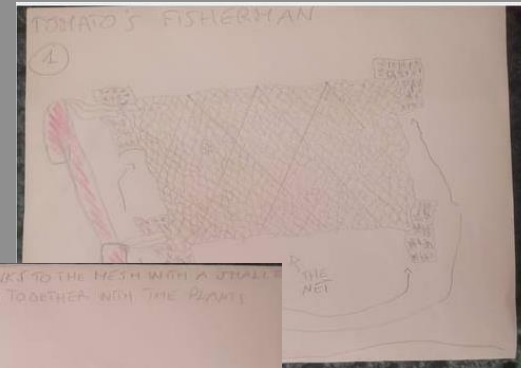


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as team 9

T O M A T O E S
F I S H E R M A N

The net is as large as the size of the field and will be placed before the tomatoes are planted, so that the net will follow the growth of the plants and thus rise with them. The net is to be attached either to a railing or at two ends. The net has embroidery at the four ends reminiscent of Russian textile translation and aesthetics, it consists of 8cm diameter meshes, while the meshes near the stems of the tomatoes should be 30cm which is the average diameter of a ripe tomato, the width assumed by the ripe tomato will allow it to enter the opening as opposed to immature tomatoes that will remain under the smaller meshes.



The larger-diameter meshes, through a mechanism operated near where the net is hooked, close by taking advantage of the elastic capacity of the net, as if they were shears, so that the stems of the ripe tomatoes can be cut. The slope created by the different height of the base where the net is hooked and the corridor created by the spaces between the plants, will allow that the cut tomatoes, will roll quietly toward the excess net, so harvesting will be greatly facilitated and through a second mechanism also operated by pressing a button located at the base, the net will close, making sure that the four ends are rejoined.