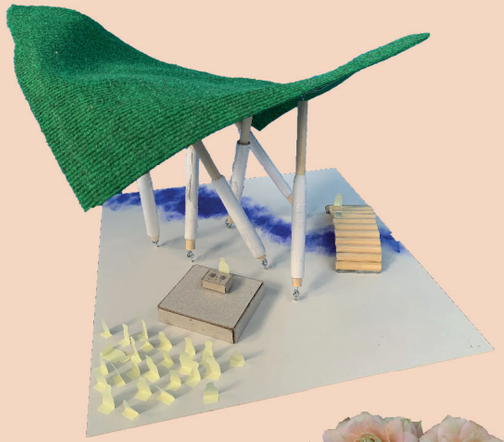


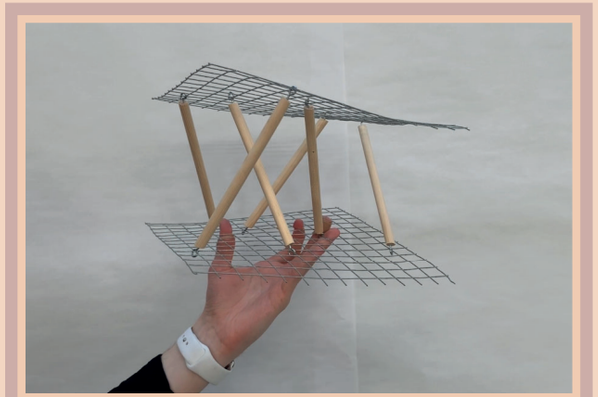
PARTY UNDER THE GREEN

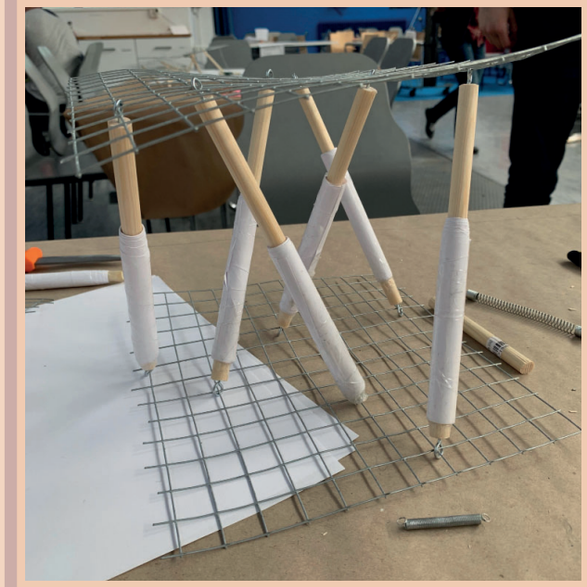
The designing process

Group 2

28.5.2019

When we first understood the functionality of SGPs, we started planning relevant applications for the structure. We came up with multiple ways to change the distance between two points but finally ended up using a telescopic solution as it gave us the most usable ways to develop our structure, supporting the ideas for the final proposal already in mind.





The telescopic legs are the connecting elements that are also used in many other SGP applications, such as flying simulator bases. We thought, however, that with this already well-known solution, we could come up with proposals with great functionality and good use cases in real world situations.

ENG-A1002 - ARTS-ENG Project

28.5.2019

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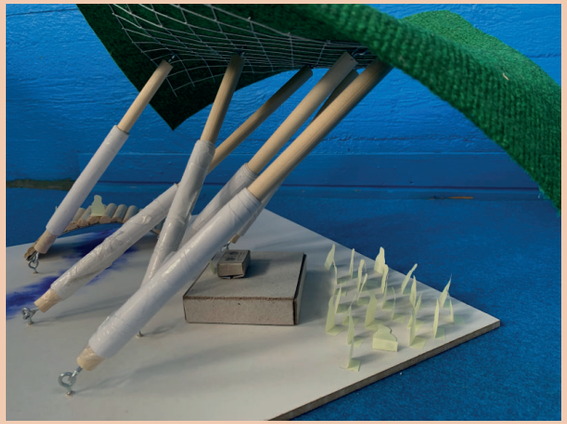
As the planning proceeded, we decided to concentrate on two main ideas: green space with a roof, and a warehouse. We thought through the advantages and disadvantages that these ideas presented. As we understood that the walls of the warehouse would be near impossible to be built in the real world so that the planned energy saving would materialize, we decided to go forward with the green space with a roof -idea.



We then thought what would be the use case for our planned idea. As we thought the nearing summer and activities it offers, we came up with rain proof, open air festival area. Because the summer weather can be unpredictable, our idea would have a real market as we think that the worst nightmare of many festival organizers is bad weather. This application also provides a way to set up a shelter so that supporting legs aren't in the way of guests. Our innovation and application of SGP can solve these problems!