Prevention of infection COVID-19

CPCS391project – Group#3

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01

Introduction

Main idea of our scenario and goals

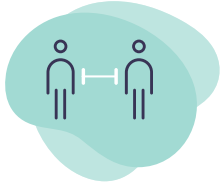
Introduction

Communities must be aware of the danger of COVID-19, by attention and avoid the causes of its spread. The virus infects people in many ways, including not achieving spacing, not wearing a mask, and touching dirty surfaces.

Therefore, our goal is to clarify these points in the form of an awareness video that prompts people to be careful and to take the vaccine to reduce and eliminate the chance of the epidemic spreading.

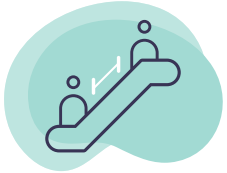
Infection prevention methods

Put the mask



Keep a distance

Stay home if you are sick

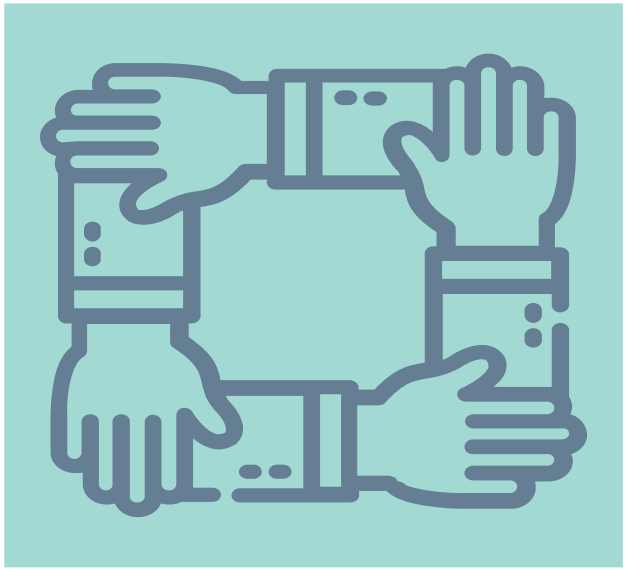


Do not crowd lifts or escalators

Check capacity in public places

Goals

- Produce an attractive video to awareness people about the ways to spread COVID-19 infection.
- Awareness people about the importance of getting vaccinated.
- Apply our skills to create objects using OpenGL and Blender software.



02

poster

show the poster

Poster

CPCS391-PROJECT-Group#3
Protect yourself from coronavirus :)

03

Implementation

Using OpenGL software

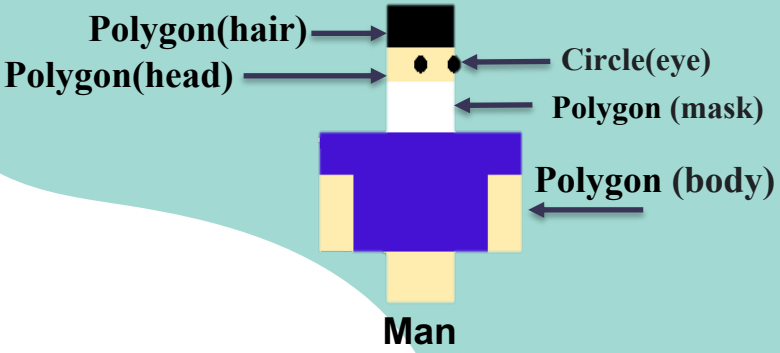
Poster details

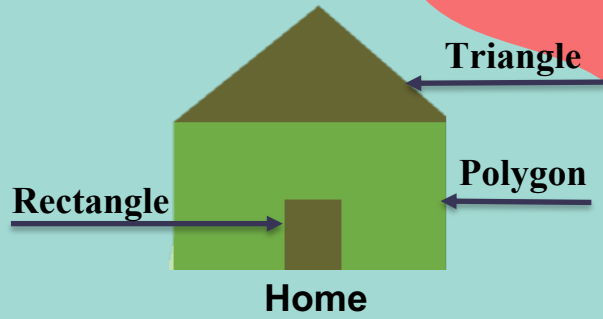
Frame Size
1000 in 900

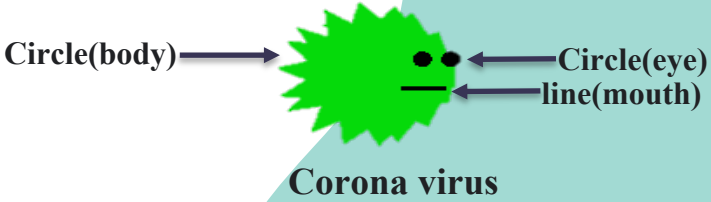
Text

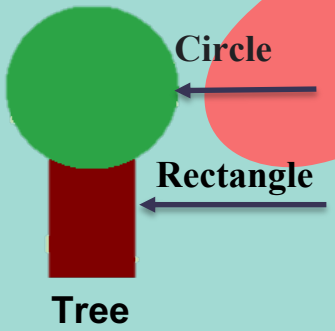
Texture

Poster(objects)









04

Video

Display video

Enjoy watching

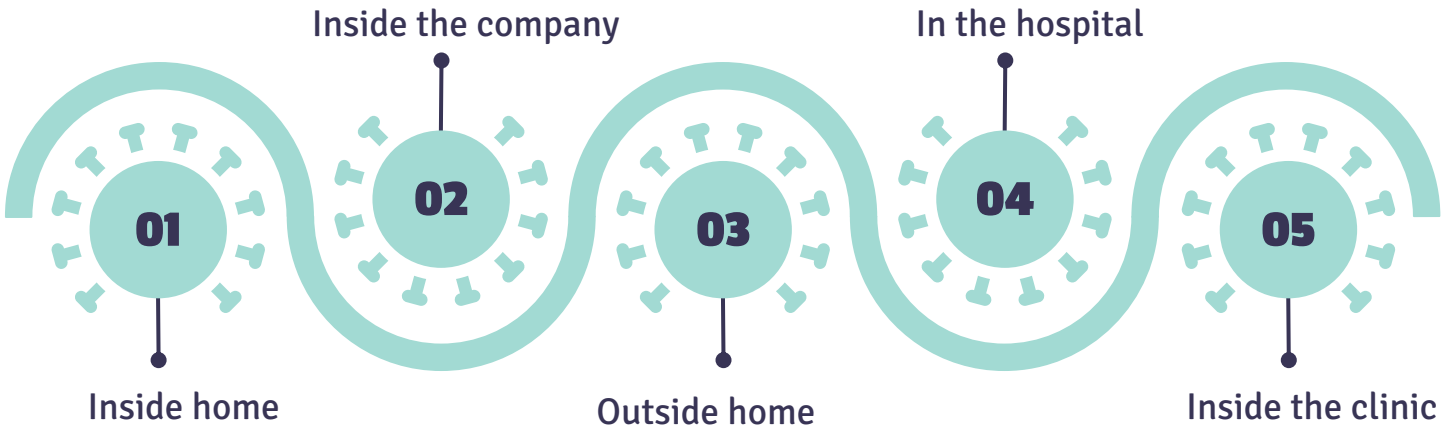
05

Implementation

Using the blender software

Video Scenes

5 Key scenes to create the video

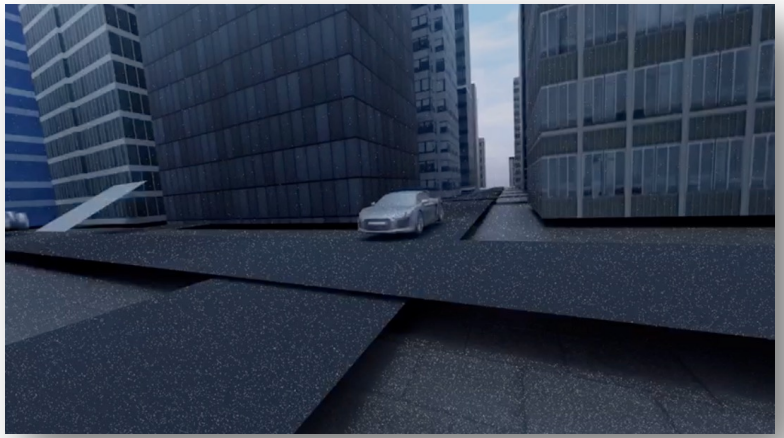


Blender details

- In our video we used few build-in environments as a background, then we added the objects, animated them, and moved camera as well.

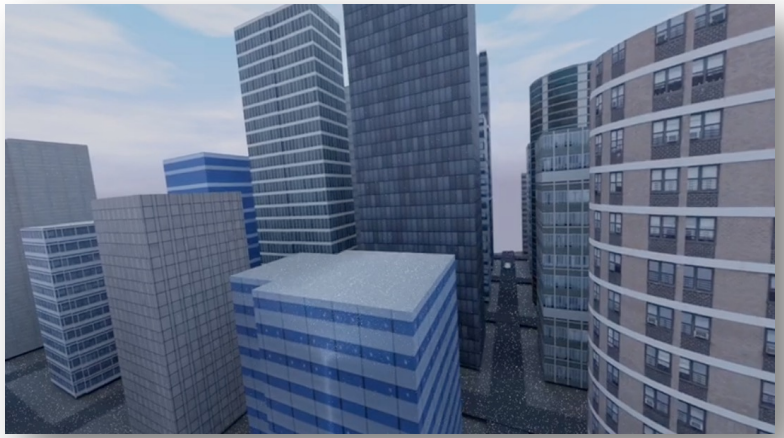
- We added external sounds as well to make the scenes more realistic and represents the real situation.

Scenario



Scenario

Scenario



Scenario

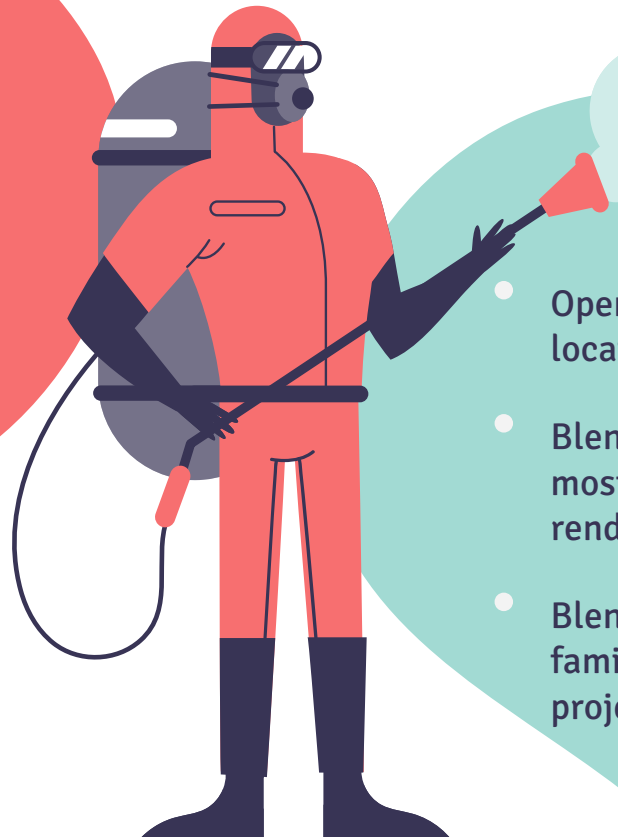
04

CONCLUSIONS

Pros and cons of project

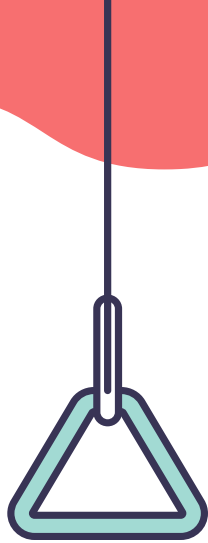
Pros

- We learned a new filed in computer science which is Graphics, by using blender software
- We apply our skills of programming in OpenGL.



Cons

- OpenGL needs an accurate locations to represents the objects.
- Blender software need a good CPU, most of us suffered from slow in rendering the videos.
- Blender software needs time to be familiar with, and the time of the project is limited.

THANKS!

Name	Section	Task
Razan Aljuhani	GBR	These tasks was done equally among the group members: - Writing the scenario. - Programming the poster by OpenGL. - Designing the video by Blender. - Preparing the PowerPoint. **Blender Tasks:** - Building the environments. - Adding the objects and animating them. - Moving the camera. - Adding the sounds. - Rendering the videos - Collecting the scenes in one video.
Shuroog Alshaikh	GBR	
Amjad Alshahrani	GBR	
Wejdan Alzhrani	GAR	
Shahad Alharthi	GAR	
Shahad Almalki	GAR