

GCIEL Community Partner Presentation

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Project Purpose:

Our Job



This is the end of GCIEL's grant



Re-develop and add figures



Come in and take a look!

What can be changed?

What can be fixed?

What needs to be done to make this publishable?



Test



What does the future hold?

Future viz

Questions and Project
Functionality:

Questions

- Why we need this project?
 - Help understand how users utilize the VR game to learn
 - Help developers adjust and improve the game
 - Help teachers integrate the VR game into their courses
- What can this project do?
 - Provide various kinds of visualizations
 - Analyze data uploaded
 - Conduct survey

Upload and general view of data

http://127.0.0.1:4995 | [Open in Browser](#) |

GCIEL Assessment Strategy Input Data Data Vis ARCS Model Evaluation [Publish](#)

Please ensure to review the data description before uploading a CSV file. Make sure that the dataset you upload matches the data description in order for the app to work correctly.

Upload your dataset (CSV)

Upload complete

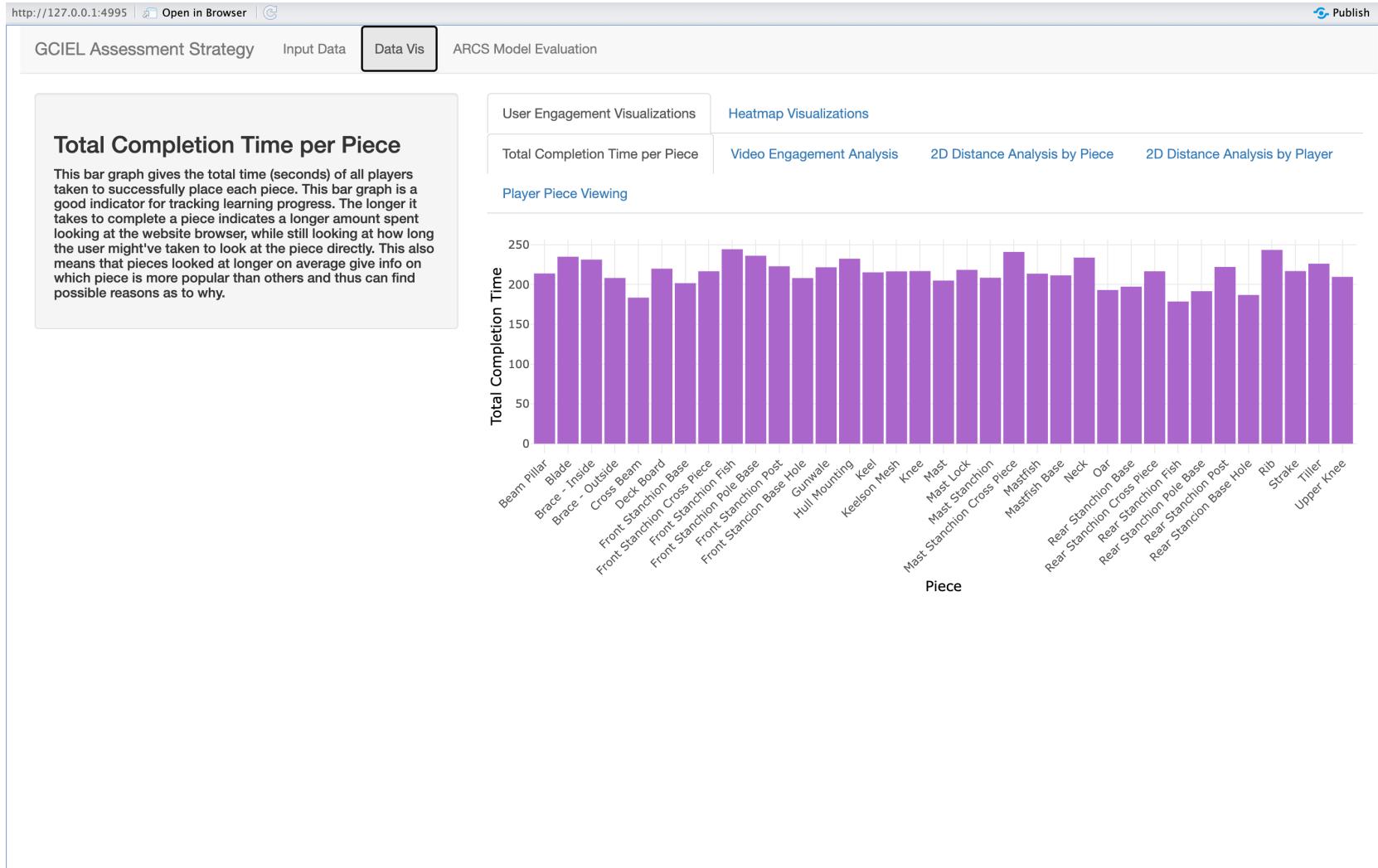
[Download Data Description](#)
[Download Data \(CSV\)](#)

Show entries Search:

X.1	playerID	piece	completion_time	distance	watched_video	percentage_video	piece_look_time	hint	Timestamp	X	Y	Z	
1	0	player0	Beam Pillar	25.96349468	3.650074694	true	55	1.359243346	false	21:40:30	-3.74	1.76	0.25
2	1	player0	Blade	25.93050069	3.668272235	true	36	1.844306977	true	21:41:30	2.81	-2.64	0.22
3	2	player0	Brace - Inside	19.47337199	2.838010597	true	90	1	false	21:42:30	2.56	-0.1	-4.56
4	3	player0	Brace - Outside	19.41285888	3.787213008	false	29	1	false	21:43:30	0.56	1.71	1.51
5	4	player0	Cross Beam	13.81836533	3.344375415	false	96	3.383683148	false	21:44:30	0.95	0.64	3.11
6	5	player0	Deck Board	22.47159984	2.484109976	true	0	1	true	21:45:30	1.23	-1.53	0.14
7	6	player0	Front Stanchion Pole Base	27.42986976	2.166798509	true	73	4.354949363	false	21:46:30	-2.08	2.67	0.26
8	7	player0	Front Stanchion Base	11.23105931	3.526517946	true	55	2.143755345	false	21:47:30	-0.86	1.98	2.3
9	8	player0	Front Stanchion Cross Piece	10.61944922	3.505620626	true	91	1.863992768	false	21:48:30	-1.67	-3.25	-0.1
10	9	player0	Front Stanchion Fish	26.91664636	1.818380613	true	23	5.229279387	false	21:49:30	3.69	4.6	-3.04

Showing 1 to 10 of 385 entries Previous ... Next

Data visualization



User survey

http://127.0.0.1:4995 | Open in Browser |

GCIEL Assessment Strategy Input Data Data Vis ARCS Model Evaluation

Viking Longship Immersive Learning Experience Evaluation

bbc2915828875c@gmail.com [Switch account](#)

Not shared

* Indicates required question

Demographics

Age *

Date

mm/dd/yyyy

Gender *

Male

Female

Other

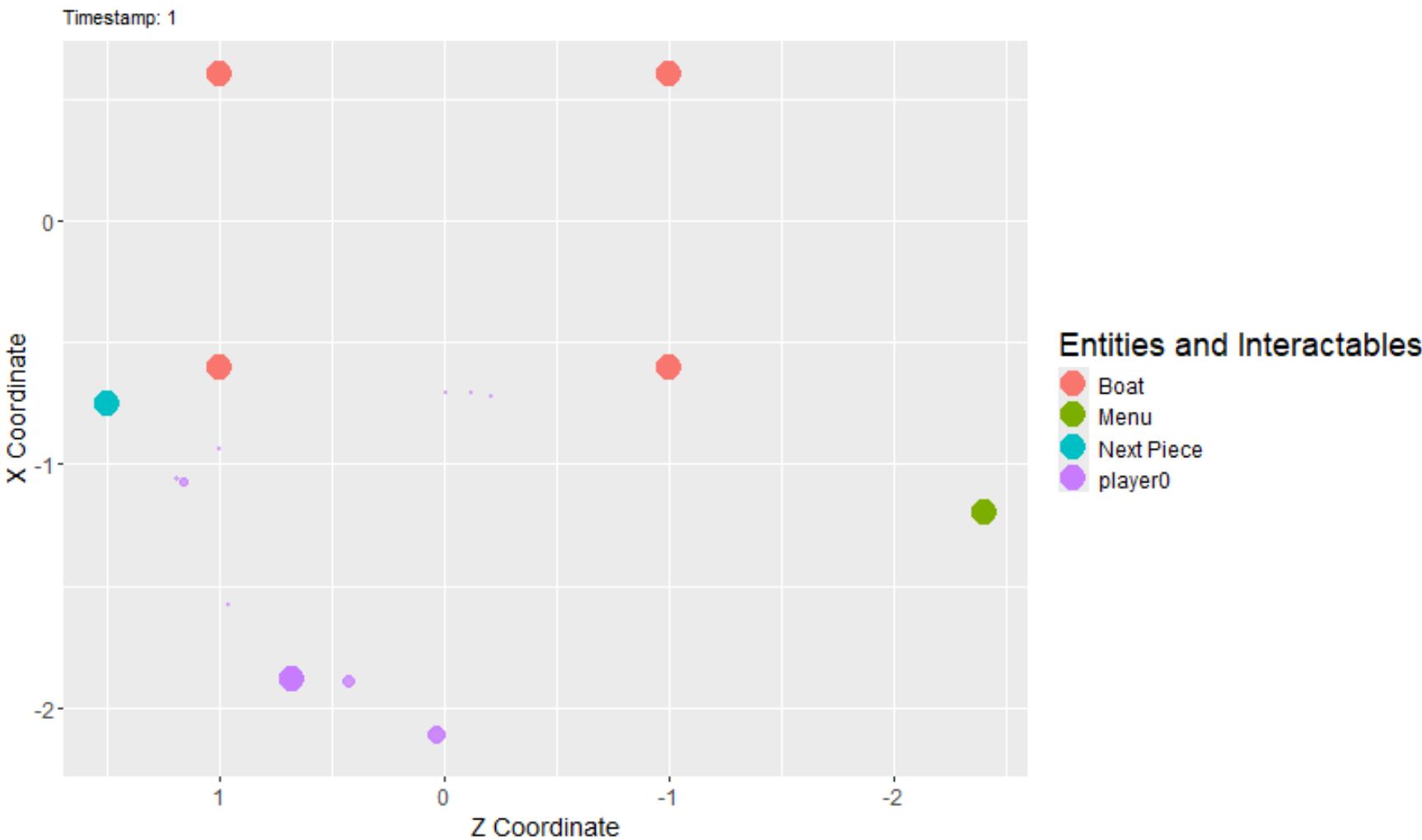
Prefer not to say

Academic Discipline (if applicable):

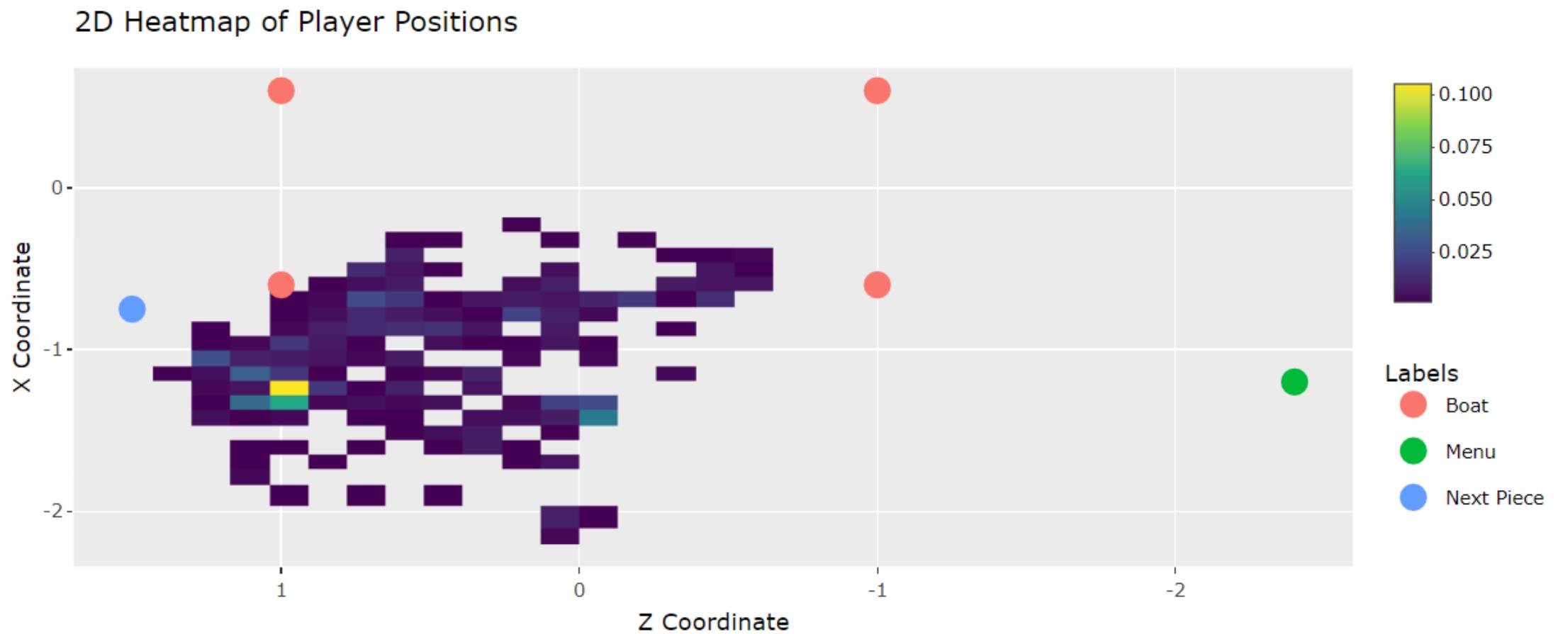
Our Visualizations:

Player Location Animation

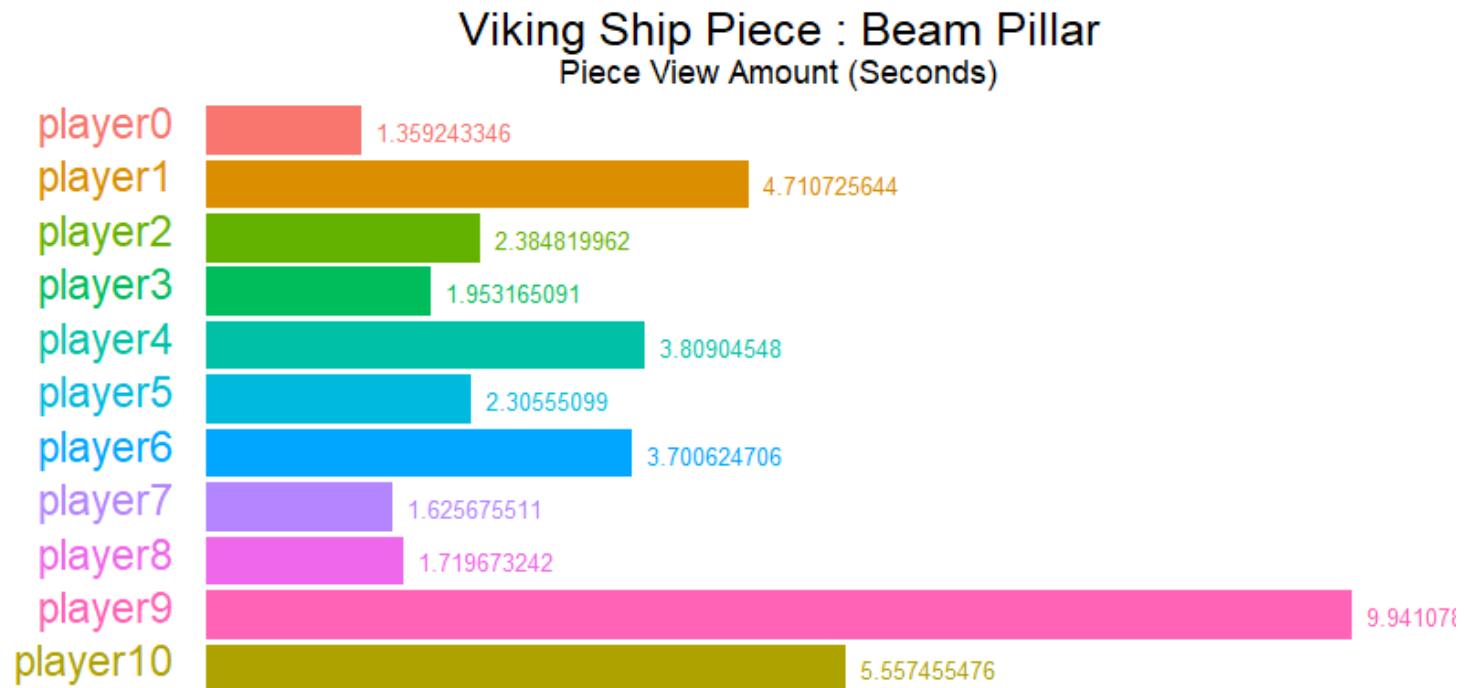
Player Location Animation through Play Time



Player Location Heat Map



Piece Observation



Future Vision:

Implementation



Compatibility

Selecting VR Setup:

Please Select VR Headset Type

Apple Vision Pro

Meta Quest 3

Meta Quest Pro

Meta Quest 2

Sony PlayStation VR2

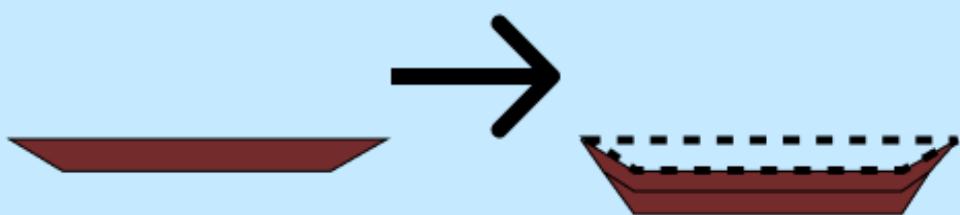
Valve Index VR Kit

HTC Vive Pro 2



Application and Extension

In this scene you will place ship pieces from a viking longship together to learn more about the ships used by vikings.



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Select your scene:



Thank you!