



Roblox Pilot

Youth participation in the redevelopment of public spaces

By Jens Eeckhout

Introduction

Who am I?

- Applied researcher @Howest
 - Game Technology
 - Immersive Technology
 - AI



Case pastoorsbos

- City of Roeselare en Howest
- Redevelopment Pastoorsbos site
- Youth participation





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Development

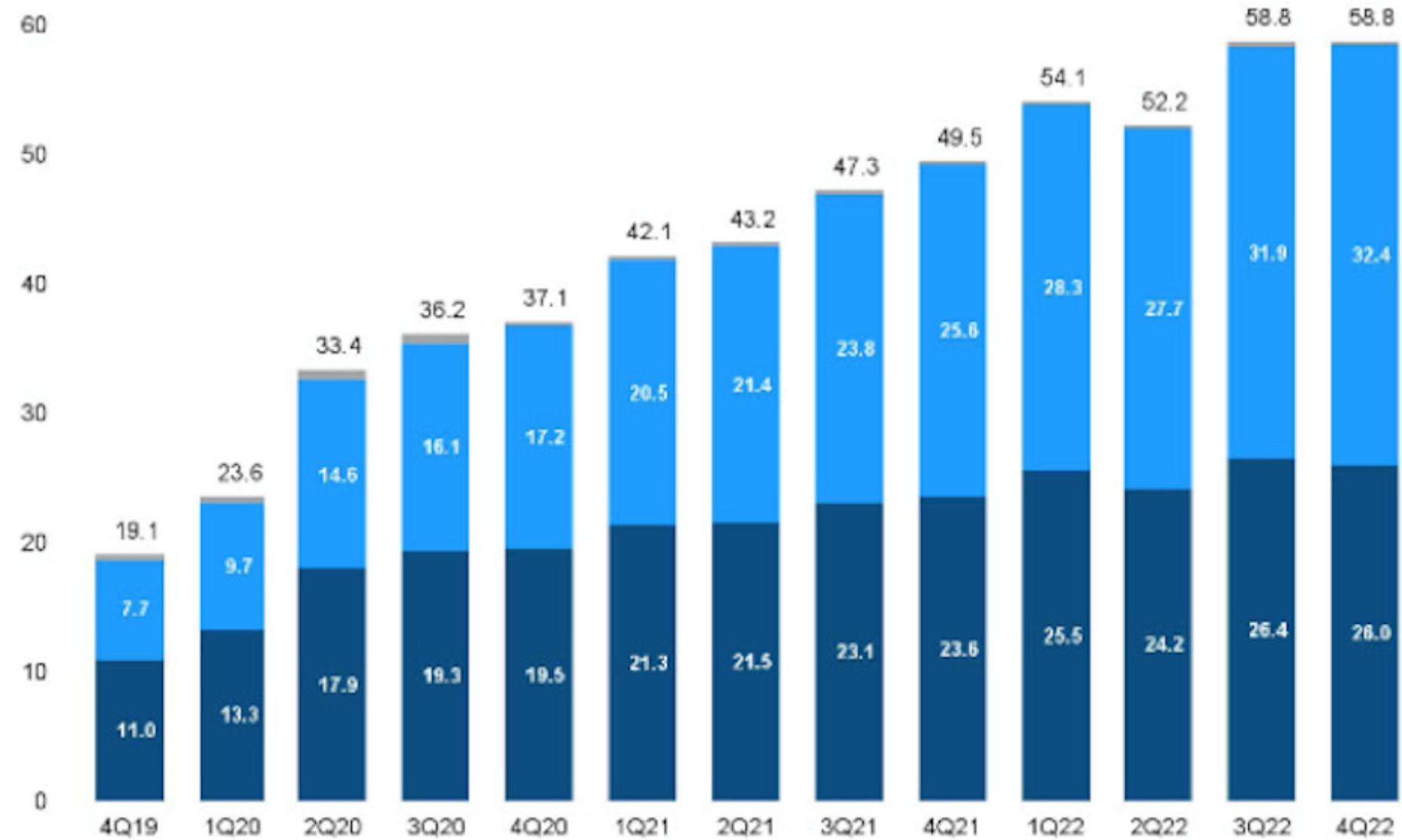
Roblox

- Free
- Accessible
- Expansive development tools
- Well-known



By Age Group

■ U13 ■ O13 ■ Unknown



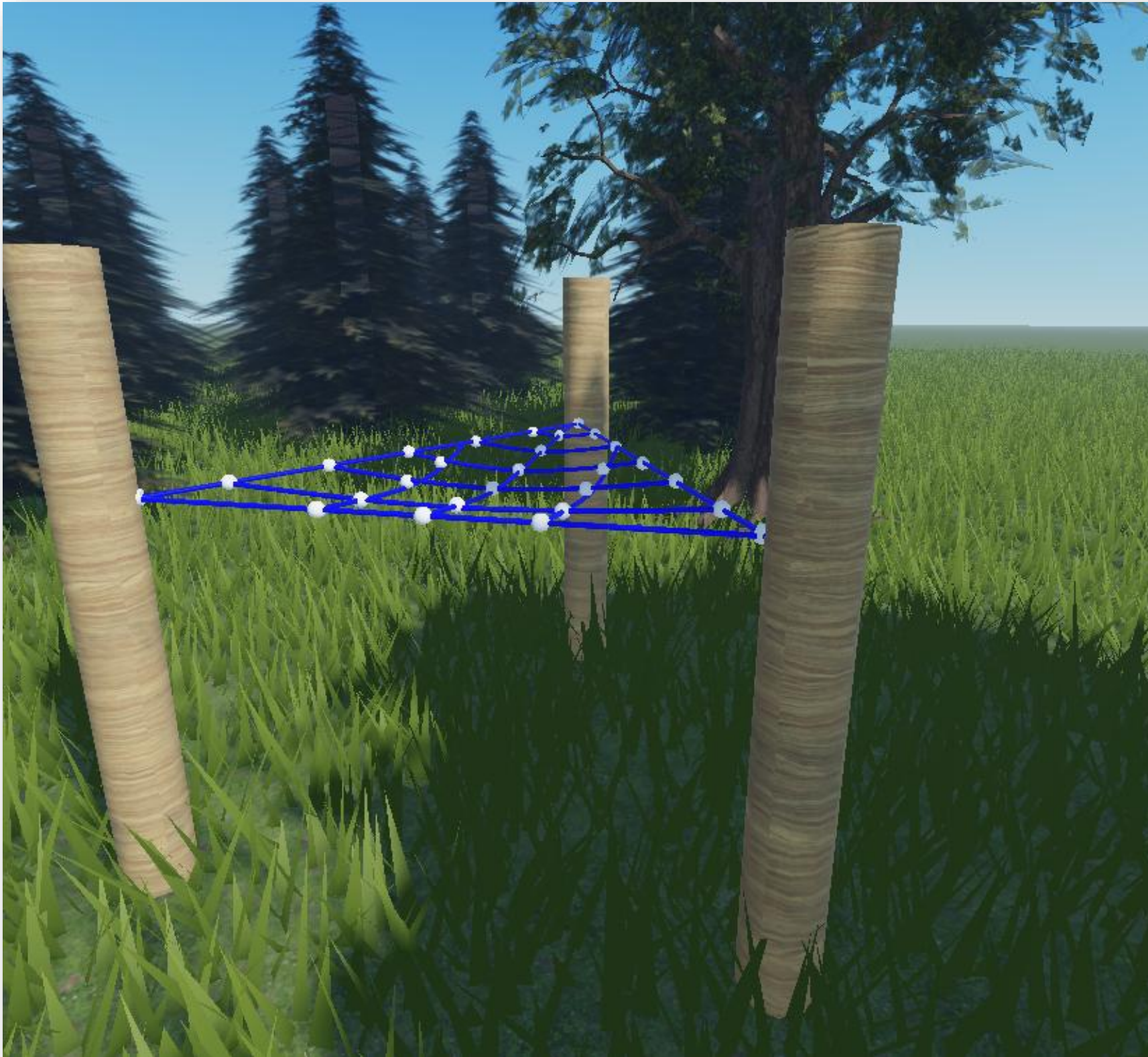
U13	43%	47%	80%	79%	78%	60%	20%	20%	21%	20%	13%	14%	11%
O13	38%	53%	117%	126%	124%	111%	46%	48%	49%	38%	30%	34%	26%
Total	40%	49%	95%	97%	94%	79%	29%	31%	33%	28%	21%	24%	19%

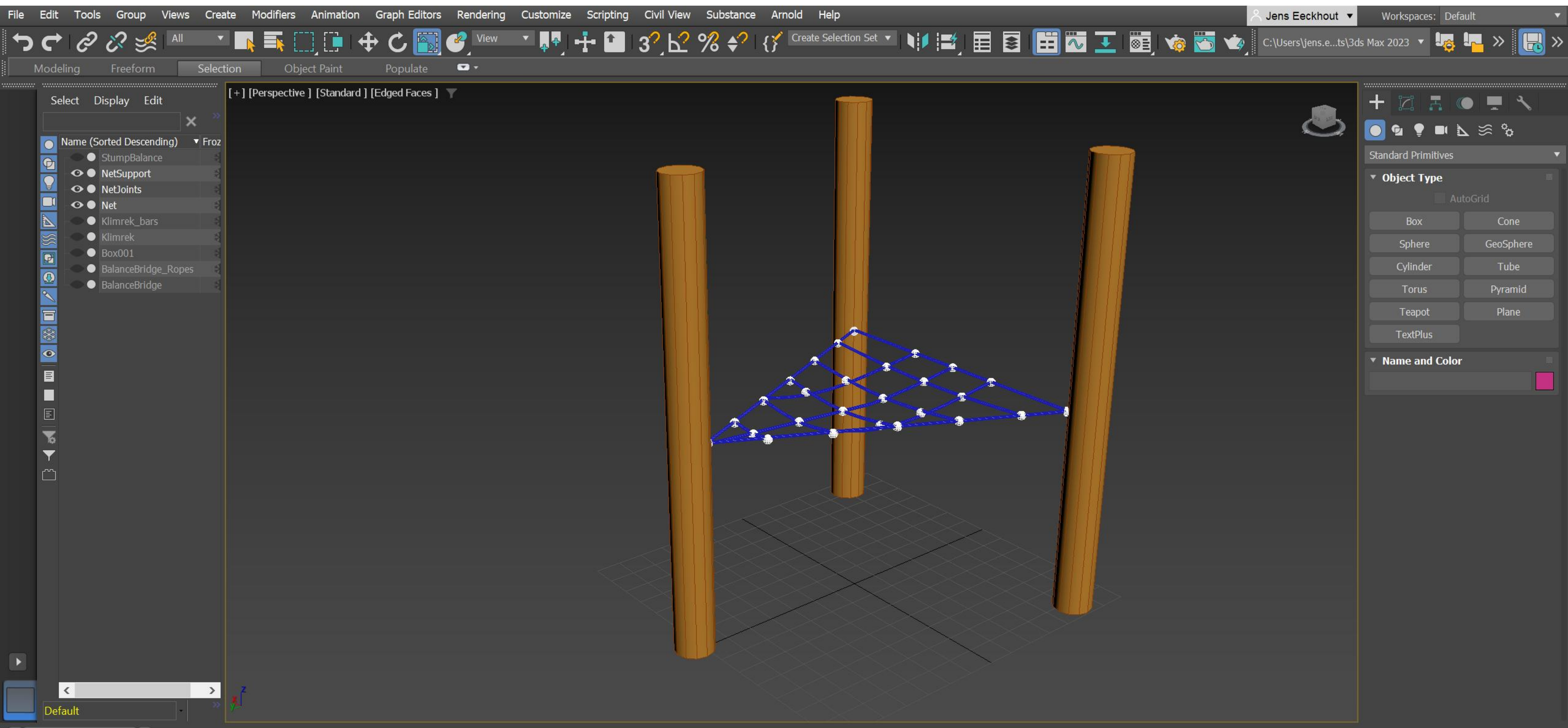
Source: <https://yondr.agency/thinking/roblox-earnings-takeaways>

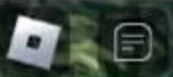


Source: <https://yondr.agency/work/vibing-with-camille>

Play equipment & budget







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Environment



FILE

HOME

MODEL

AVATAR

TEST

VIEW

PLUGINS

Copy

Cut

Duplicate

Clipboard

Select

Move

Scale

Rotate

Mode: Geometric

Collisions

Join Surfaces

Tools

Editor

Terrain

Toolbox

Part

UI

Insert

Import 3D

File

Material Manager

Edit

Color

Edit

Group

Lock

Anchor

Play

Resume

Stop

Test

Game Settings

Settings

Team Test

Team Test

Exit Game

Collaborate

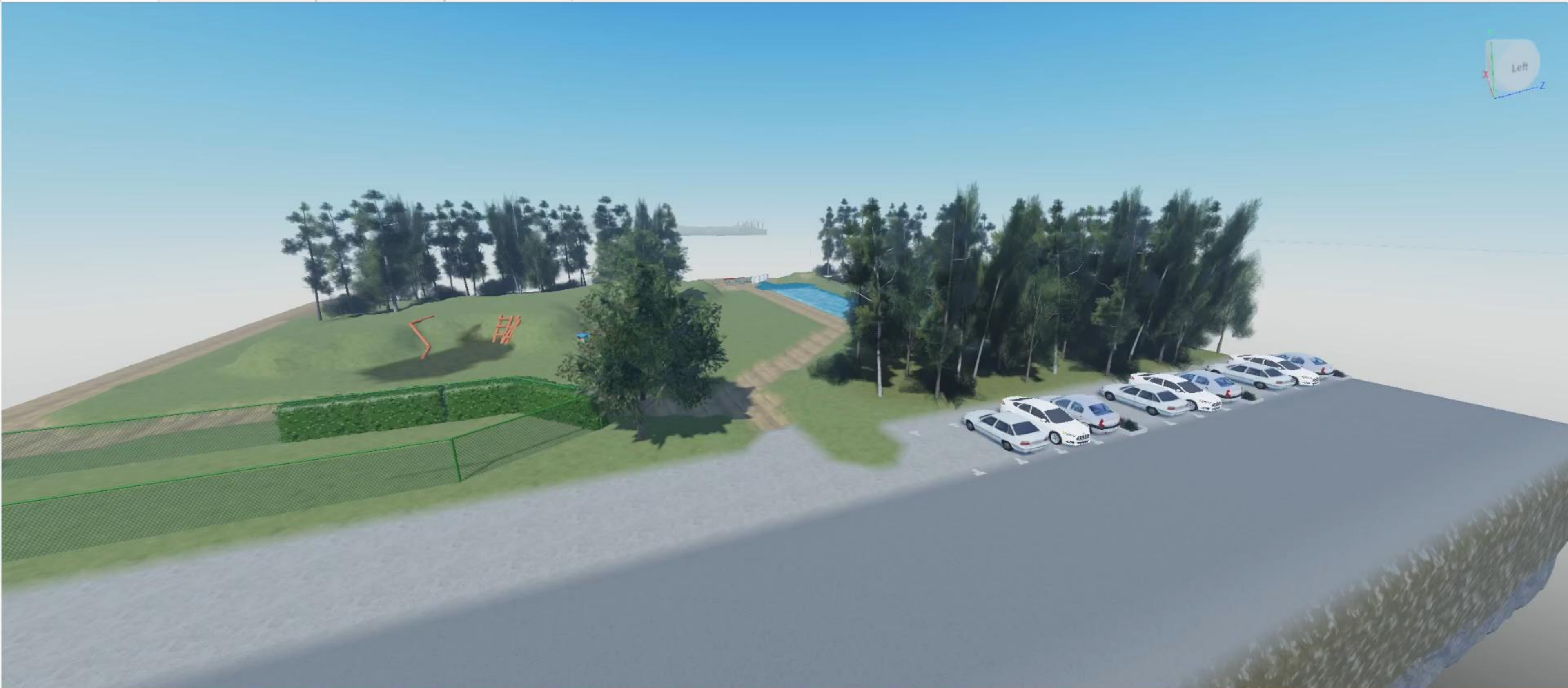
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Pastoorbos redesign x

StructureEditHandler x

VisualizePreset x

VisualizePreset x



Co-creation session



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