

ASSIGNMENT I

TROPICAL ISLAND LEVEL

In this assignment, you are asked to create a level design for a deserted tropical island using Unreal Engine 5. Your goal is to design an immersive and visually stunning environment with designated interaction locations for collecting wood and lighting a campfire.

Requirements

- Create a new project with [Third Person Project template](#) in Unreal Engine 5.1.
- Create a navigable deserted island environment including following elements:
 - Island terrain (min. navigable ground ~256x256 meters)
 - Painted terrain textures (beach sand, wet beach sand, underwater sand)
 - Vegetation: Palm trees and bushes
 - Rocks
 - Clouds (Volumetric Clouds preferred)
 - Fog (Volumetric Fog preferred)
 - Custom Ocean Color
 - Sun Flare
- Designate a spawn point for the player.
- Use the free Quixel assets to create your level.
- When designing the island, allocate locations for collecting wood (at least 5 pieces of branches) and lighting a campfire. Creating the gameplay, where the marooned player must collect 5 pieces of woods to light a fire on the campfire location, will be the assignment of the next week.
- Record an in-game walkthrough/flythrough video of maximum 30 seconds. The file size should not exceed 100 MB. You can use OBS or NVIDIA ShadowPlay to capture the video. Use Adobe Premiere/Premiere Rush or [HandBrake](#) with "Web > Creator 1080p60" preset to optimize the video size (H.264 coding format, .mp4 container format, 60 FPS framerate, 8Mbps target bitrate, 48 kHz AAC stereo audio).

Resources

- Use the Quixel assets available for free for all UE5 users.
Tropical Beach on Quixel Megascans |
<https://quixel.com/megascans/collections?category=environment&category=natural&category=tropical-beach&search=tropical>
- You can follow this tutorial for creating an island in Unreal Engine 5:
Unreal Engine 5 Environment Tutorial for Beginners - Creating an Island |
<https://www.youtube.com/watch?v=1cfPiofNy-U>
- If you haven't installed Unreal Engine 5.1 yet, refer to this tutorial:
<https://www.youtube.com/watch?v=9feSxyc-i78>

Deadline

2023-03-09 09:30 – If you can't upload the file directly to Ninova, you can submit the downloadable video file link (uploaded to Google Drive, OneDrive or Yandex.Disk) on Ninova before the deadline.

If you have any questions, don't hesitate to contact us on [Discord](#).

Reminder: Form follows fun.