Virtual Reality and Physically-Based-Simulation

Professor: Prof. Dr. Gabriel Zachmann Tutors: T. Hudcovic, J. Rosskamp

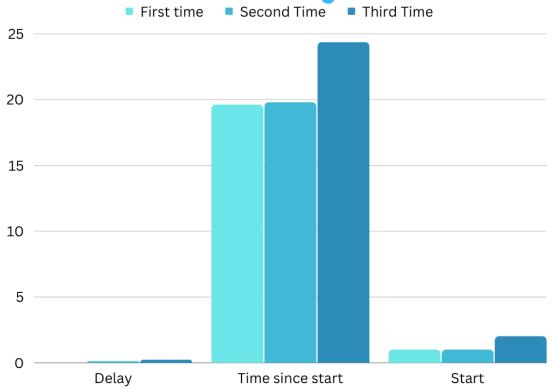
Assignment 3

Ali Eren Kayhan, Adrian Danzglock

Excercise 1 Laggy jump'n run, (2 Credits)

- Ali Eren Kayhan
 - First time
 - * Delay: 0
 - * Time since start: 19.601
 - * Starts: 1
 - Second time
 - * Delay: 0.1
 - * Time since start: 19.785
 - * Starts: 1
 - Third time
 - * Delay: 0.2
 - * Time since: 24.334
 - * Starts: 2





• Adrian Danzglock

- First time

* Delay: 0

* Time since start: 22.3s

* Starts: 1

- Second time

* Delay: 0.25

* Time since: 29.769

* Starts: 3

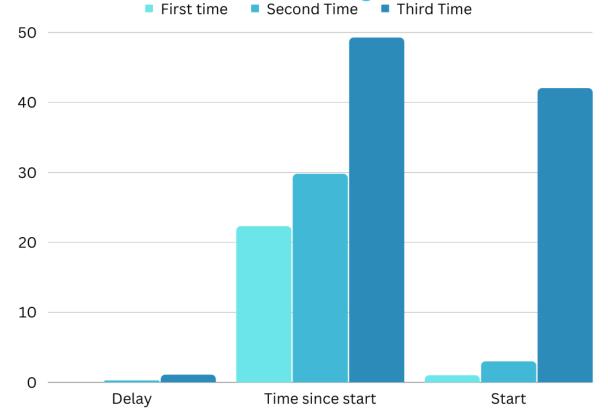
- Third time

* Delay: 1.0

* Time since start: 49.226

* Starts: 42

Adrian Danzglock



Summary of our discussion about the results

Each time we increase the delay, the game gets harder to control; therefore it takes longer to finish the game and the player becomes more and more stressed. If this happens in a published game, the player may no longer want to continue playing the game due to the stressful experience with the game.

Excercise 2 Unreal C++, (4 Credits)

Our GitHub repo link: https://github.com/Alierenkayhan/UnrealEngine_VR_BremenUni

Excercise 3 Unreal C++ and LOD, (6 Credits)

 $Our~GitHub~repo~link:~ \verb|https://github.com/Alierenkay| han/UnrealEngine_VR_BremenUni$