

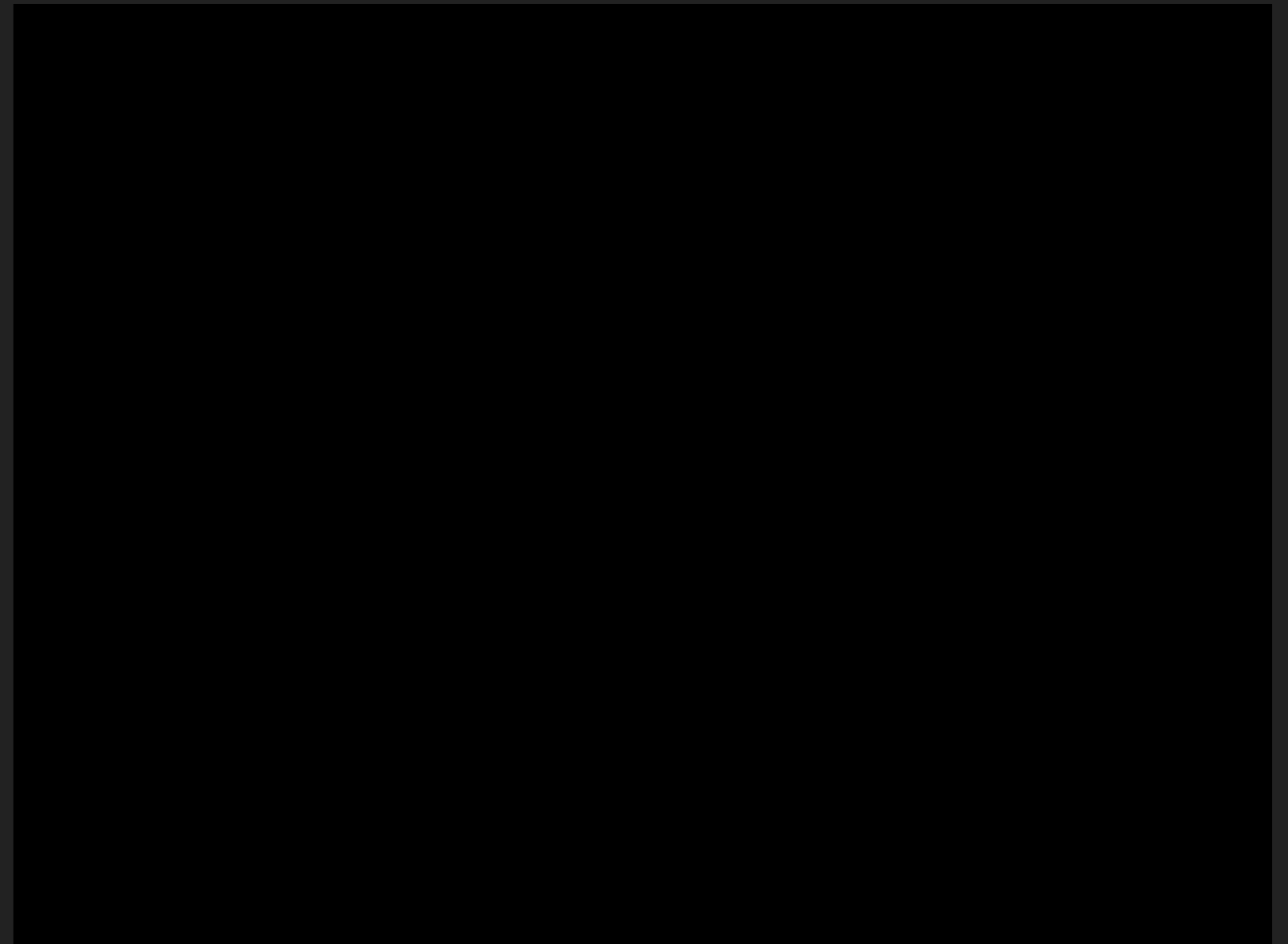
3★GUN NATION VR

FPS, Shooting Sports and VR

First Person Shooting (FPS)

What is FPS?

- ▶ FPS are a type of 3D game featuring a first person view
- ▶ AAA Titles: Call of Duty, CounterStrike, The Division, PUBG, etc.
- ▶ Realistic 3D scene to represent a war zone
- ▶ Keyboard to control the character movements, mouse to control the head and weapon orientation

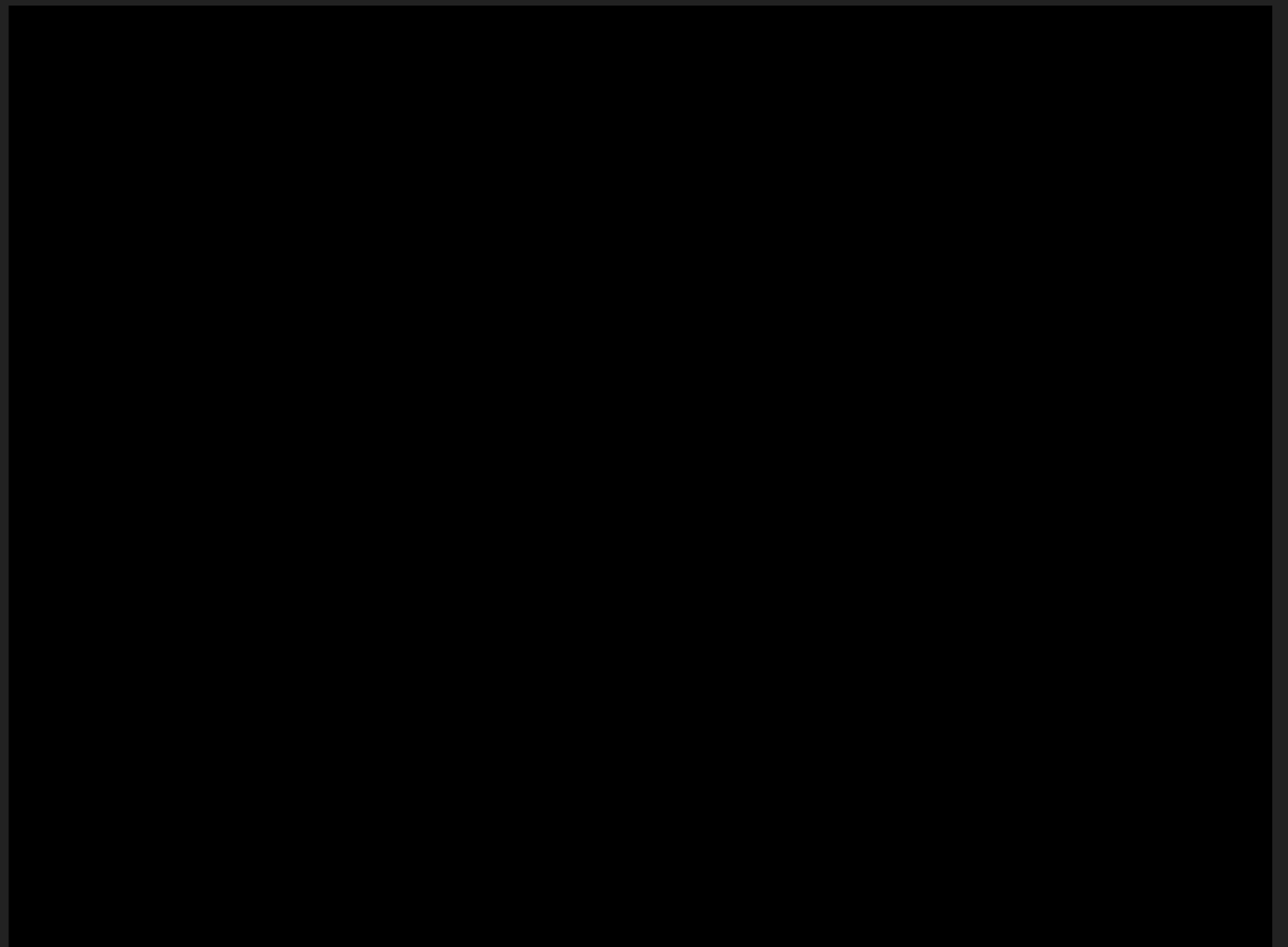


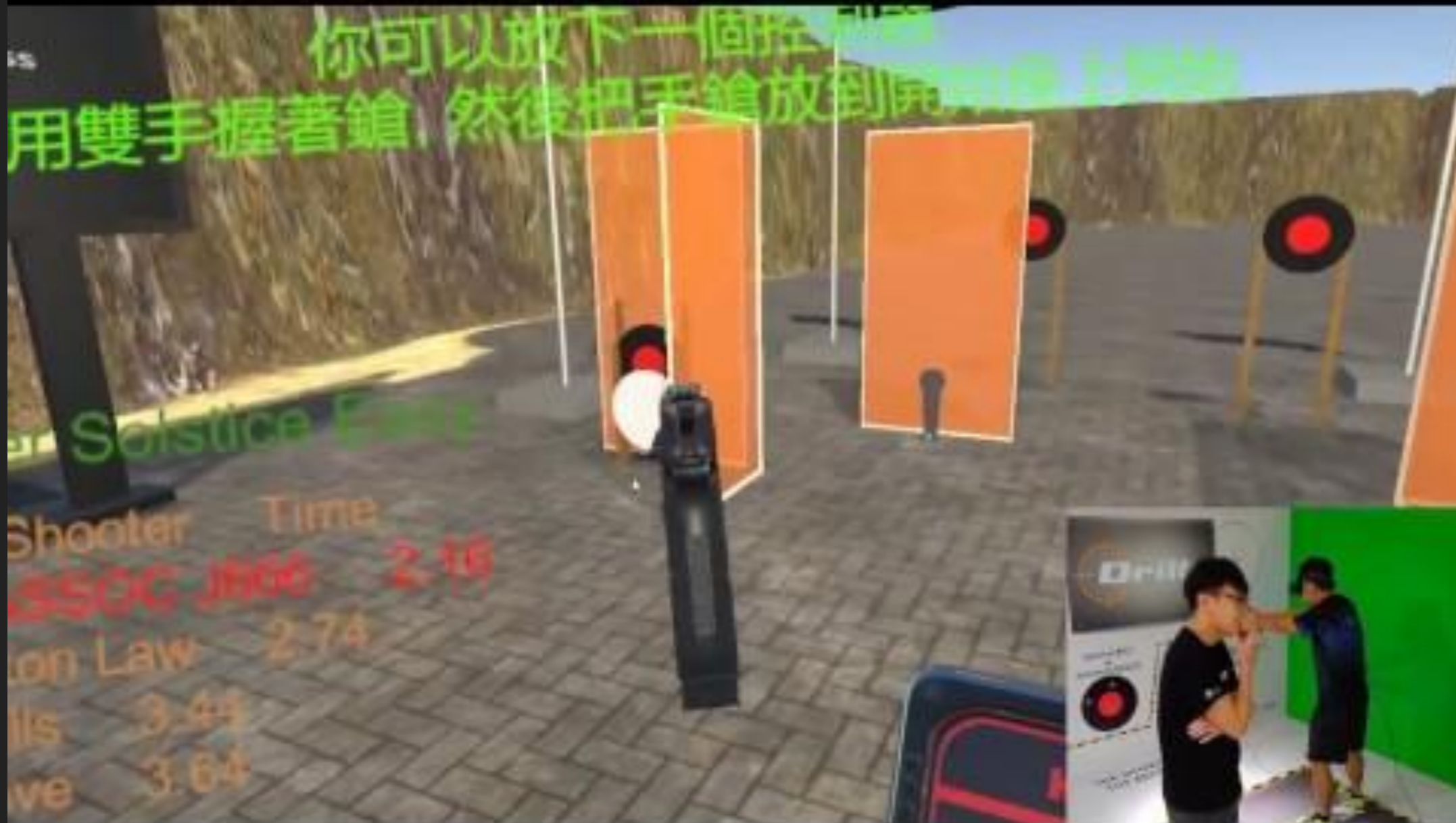
Competitive and Recreational Sport involving proficiency tests of accuracy, precision and speed.

3Guns competition uses Pistol, Rifle and Shotgun.

Shooters have to engaged all paper or steel targets in preset stages. The fastest one win.

It is a combination of shooting skills, stage planning and physical fitness





Gameplay and Practical Competitive Shooting

- 360 degree simulation of the real world
- Realistic movements
- Realistic orientation of firearms (Roll, Yaw, Pitch)



IN-GAME ADVERTISEMENT ENGINE

- Advertisement materials are stored on the Cloud
- Banners, Videos, Photos, etc can be shown in-Game, on IOS app, website as well as in the emails to users.
- Easily to be reused and integrated with any games, websites and applications.

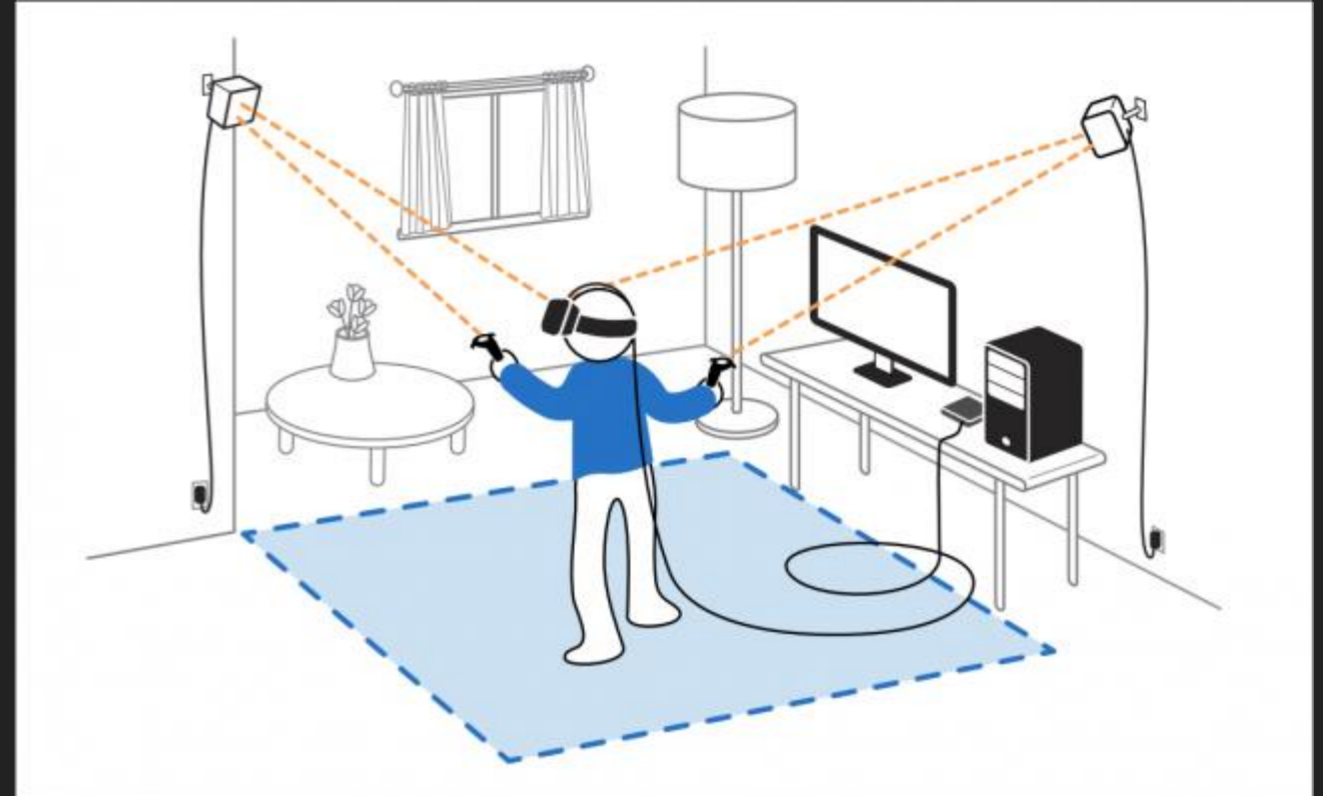
WEAPONS

- ▶ Highly realistic weapon models



Room Tracking (6-Dof)

- ▶ VR Headset such as HTC Vive, Oculus Rift use external tracker to detect the location and the orientation of the headset and its controllers.
- ▶ The trackers beam laser all over the room and the headset/controllers will sense the strength of the lasers to calculate their locations and send back to the computer.



- ▶ VR Headsets vs Mobile VR
- ▶ 6 Dof (VR Headsets) is able to detect user location
- ▶ 3 Dof (Mobile VR) is only able to detect head orientation while no information of the user moving forward or backward nor left or right.

3 degrees of freedom (3-DoF)



6 degrees of freedom (6-DoF)

