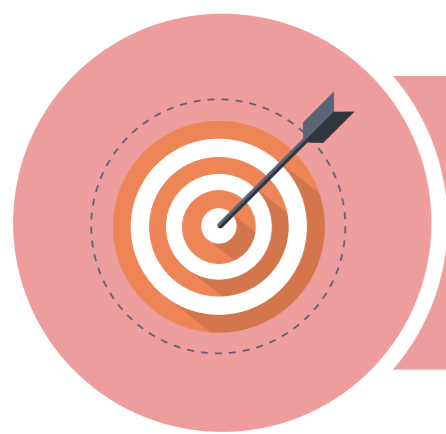
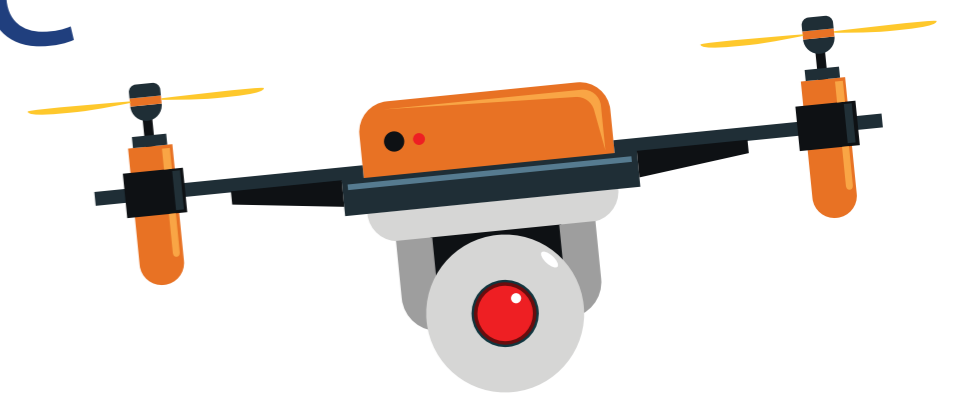


Augmented Reality (AR) Drone Game

Gamifying a Drone Piloting Tutorial with AR



Purpose

AR enables the immersive simulation of a real-world obstacle course for players to practice their drone piloting skills in a safe environment within the real-world, without endangering others in the vicinity.



Drone Tracking



Using the Vuforia SDK, a point cloud of the drone's feature points is generated. The Unity Engine then recognizes the drone using the point cloud in Vuforia's database.



Augmented Reality

Human-like obstacles are used to represent bystanders in the real-world.

Players aim to collect fuel with the drone to earn points.

