C++ : Launch를 이용한 부스트 발 판

마리오 카트에서 무지개 발판을 만들 때 사용했음

ACharacter::LaunchCharacter

#include "GameFramework/Character.h"

```
virtual void LaunchCharacter
(
     FVector LaunchVelocity,
     bool bXYOverride,
     bool bZOverride
)
```

speedBoard.cpp

```
Dvoid AMiniGameSpeedBoard::OnMyCompBeginOverlap(UPrimitiveComponent* OverlappedComponent, AActor* OtherActor, UF

{
    // 만약 OtherActor가 플레이어라면
    auto player = Cast<AKartPlayer>(OtherActor);
    if (player)
        player->speedUp();

    void AMiniGameSpeedBoard::OnMyCompEndOverlap(UPrimitiveComponent* OverlappedComponent, AActor* OtherActor,
        UPrimitiveComponent* OtherComp, int32 OtherBodyIndex)

{
    auto player = Cast<AKartPlayer>(OtherActor);
    if (player)
        player->speedDown();
}
```

C++: Launch를 이용한 부스트 발판

player.h

```
public:
    UFUNCTION()
    void speedUp();

    UFUNCTION()
    void speedDown();

    bool bSpeedUp;
    float currentTime;
    float speedUpTime = 1;
```

player.cpp

```
bSpeedUp = true;
currentTime = 0;
UE_LOG(LogTemp, Warning, TEXT("speed up"));

avoid AKartPlayer::speedDown()
{
UE_LOG(LogTemp, Warning, TEXT("speed down"));
bSpeedUp = false;
//GetCharacterMovement()->Velocity = GetCharacterMovement()->Velocity * 0.5f;
}
```

speedUp이 실행되면 Launch가 앞으로 더 밀어줌!!

혹시 EndOverlap 안될 시 방지하려고 2초 뒤에 speedDown 실행하게함

```
In the coord of the coord
```

