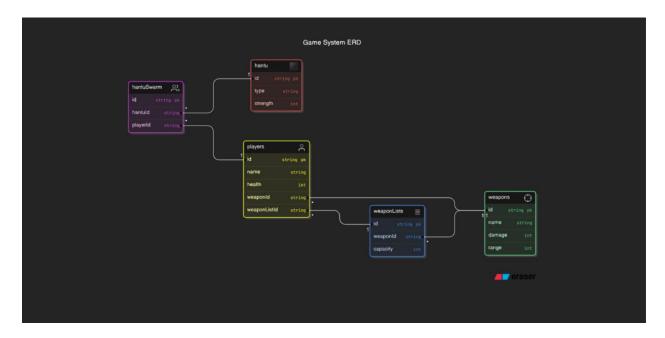
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CLASS DIAGRAM FOR HANTU, HANTUSWARM, PLAYER, WEAPONLIST AND WEAPONS.



HANTU CLASS CODE

```
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In
```

PLAYER CLASS CODE

```
public void Attack(Hantu hantu)
{
    if (CurrentWeapon != null)
    {
        Console.WriteLine($"{Name} attacks Hantu with {CurrentWeapon.Name}");
        CurrentWeapon.Fire();
        hantu.TakeDamage(CurrentWeapon.Damage);
    }
    else
    {
        Console.WriteLine($"{Name} has no weapon equipped to attack.");
    }
}

public void TakeDamage(int damage)
{
    Health -= damage;
    if (Health < 0)
        Health = 0;
    Console.WriteLine($"{Name} took {damage} damage. Remaining health: {Health}");
}</pre>
```

Weapon Class code

WeaponList Class code

HANTU SWARM CLASS CODE

```
private List<Hantu> _hantuSwarm;

Oreferences
public HantuSwarm()
{
    _hantuSwarm = new List<Hantu>();
}

Oreferences
public void AddHantu(Hantu hantu)
{
    _hantuSwarm.Add(hantu);
    Console.WriteLine($"Hantu {hantu.Id} added to the swarm.");
}

Oreferences
public void AttackPlayer(Player player)
{
    foreach (var hantu in _hantuSwarm)
    {
        if (hantu.IsAlive())
        {
            hantu.Attack(player);
        }
    }
}

Oreferences
public void RemoveHantu(Hantu hantu)
{
            hantu.Attack(player);
        }
}
```