```
public Dictionary<SkillType, int> SkillImprovements { get; private
public int Influence { get; set; }
public int Strength { get; set; }
public int Movement { get; set; }
public int CombatTestModifier { get; set; }
public int LoreTestModifier { get; set; }
public int StrengthTestModifier { get; set; }
        { SkillType.Lore, 0 },
        { SkillType.Influence, 0 },
        { SkillType.Observation, 0 },
        { SkillType.Strength, 0 },
        { SkillType.Will, 0 },
```

```
public void ImproveSkill(SkillType skillType)
        if (SkillImprovements.ContainsKey(skillType))
            int currentImprovement = SkillImprovements[skillType];
                SkillImprovements[skillType]++;
               Debug.Log("Skill " + skillType.ToString() + " improved
to: " + (currentImprovement + 1));
                Debug.Log("Skill " + skillType.ToString() + " already
at maximum improvement.");
skillType.ToString());
   public void DiminishSkill(SkillType skillType)
        if (SkillImprovements.ContainsKey(skillType))
            int currentImprovement = SkillImprovements[skillType];
            if (currentImprovement > 0)
               SkillImprovements[skillType] --;
               Debug.Log("Skill " + skillType.ToString() + "
diminished to: " + (currentImprovement - 1));
at minimum improvement.");
```

```
skillType.ToString());
    public int GetSkillTestModifier(SkillType skillType)
           case SkillType.Combat:
            case SkillType.Influence:
                return InfluenceTestModifier;
            case SkillType.Lore:
            case SkillType.Observation:
                return ObservationTestModifier;
            case SkillType.Strength:
                return StrengthTestModifier;
            case SkillType.Will:
                return WillTestModifier;
skillType.ToString());
    public int GetSkillImprovementModifier(SkillType skillType)
        if (SkillImprovements.ContainsKey(skillType))
           return SkillImprovements[skillType];
skillType.ToString());
```

```
public List<Asset> InventoryAsset { get; set; }
   Inventory = new List<Card>();
   InventoryAsset = new List<Asset>();
   TokenPool = new List<Token>();
            Inventory.RemoveAt(i);
```

```
Inventory.RemoveAt(randomIndex);
    return cardToDiscard;
public DiceRoller diceRoller;
public Button endTurnButton;
public int currentPosition = 0;
public int skillValue;
public int testModifier;
public int improvementModifier;
public int clueTokens;
public int ResourcesTokens;
public bool isBlessed;
```

```
public bool isCursed;
public CombatEncounter currentCombatEncounter;
public InvestigatorData currentInvestigator;
Button restButton;
Button confirmButtonRest;
Button cancelButtonRest;
bool restActionPending;
public Button travelButton;
public Button prepareButton;
public Button gatherButton;
public PlayerStats playerStats;
public Player player;
private Vector2 targetPosition;
public TokenManagement tokenManagement;
[SerializeField] private PlayerActionPhase _playerAction;
   player = new Player();
    movementButton =
```

```
playerAction = FindObjectOfType<PlayerActionPhase>();
        gameController.prayer = player;
       restButton =
restButton.GetComponentsInChildren<Button>();
            cancelButtonRest = childButtons[1];
buttons.");
        restButton.onClick.AddListener(Rest);
        confirmButtonRest.onClick.AddListener(ConfirmRest);
       restActionPending = false;
        travelButton =
        travelButton.onClick.AddListener(ActionMovement);
```

```
tradeButton.onClick.AddListener(Trade);
prepareButton =
prepareButton.onClick.AddListener(PrepareForTravel);
acquireButton =
componentButton =
componentButton.onClick.AddListener(ComponentAction);
localButton =
endTurnButton = gameController.endTurnButton;
playerStats = new PlayerStats();
choosed = investigator;
```

```
playerStats = SetPlayerStats(investigatorData);
player.stats = playerStats;
playerStats.Movement = 1;
movPoints = playerStats.Movement;
switch (skillName)
   case SkillType.Lore:
        return player.stats.Lore;
    case SkillType.Influence:
        return player.stats.Influence;
    case SkillType.Observation:
        return player.stats.Observation;
    case SkillType.Strength:
        return player.stats.Strength;
    case SkillType.Will:
        return player.stats.Will;
Debug.Log("Definindo as estat*sticas do jogador...");
playerStats.Health = currentInvestigator.health;
playerStats.MaxHealth = playerStats.Health;
playerStats.Sanity = currentInvestigator.sanity;
playerStats.MaxSanity = playerStats.Sanity;
playerStats.Lore = currentInvestigator.lore;
playerStats.Influence = currentInvestigator.influence;
playerStats.Observation = currentInvestigator.observation;
playerStats.Strength = currentInvestigator.strength;
playerStats.Will = currentInvestigator.will;
playerStats.CombatTestModifier = 0;
playerStats.InfluenceTestModifier = 0;
```

```
playerStats.LoreTestModifier = 0;
   playerStats.ObservationTestModifier = 0;
   playerStats.StrengthTestModifier = 0;
   playerStats.WillTestModifier = 0;
   return playerStats;
public void SetTargetPosition(Vector2 target, int tileID)
    targetPosition = target;
   Debug.Log("Posi��o alvo definida.");
    gameController.currentPhase = GamePhase.EncounterPhase;
```

```
endTurnButton.interactable = true;
       movPoints = 1;
       buttonaction.interactable = true;
       CombatSystem combatSystem = CombatSystem.Instance;
       if (combatSystem != null )
            combatSystem.StartCombat(currentTile.TileID);
       playerAction.ResetActions();
in the same space.");
```

```
restActionPending = true; // A ação de descanso está pendente
      int newHealth = Mathf.Min(player.stats.Health + healthToRecover
additionalHealth, player.stats.MaxHealth);
      int newSanity = Mathf.Min(player.stats.Sanity + sanityToRecover
additionalSanity, player.stats.MaxSanity);
```

```
player.stats.Health = newHealth;
       player.stats.Sanity = newSanity;
 + additionalSanity);
       restActionPending = false; // A ação de descanso foi concluída
       restActionPending = false; // A ação de descanso foi cancelada
tokenManagement.FindActiveTokenOnTile(TokenType.Monster,
       if (monsterToken != null)
```

```
return additionalHealth;
return additionalSanity;
playerAction.PerformAction(Action.Travel);
buttonaction.interactable = false;
```

```
public void AcquireAssets()
public bool SkillCheck(SkillType skill, int targetValue)
        case SkillType.Combat:
            testModifier = playerStats.CombatTestModifier;
        case SkillType.Influence:
            testModifier = playerStats.InfluenceTestModifier;
```

```
break;
           case SkillType.Lore:
               testModifier = playerStats.LoreTestModifier;
           case SkillType.Observation:
               testModifier = playerStats.ObservationTestModifier;
           case SkillType.Strength:
               testModifier = playerStats.StrengthTestModifier;
           case SkillType.Will:
               testModifier = playerStats.WillTestModifier;
       int skillValue = GetBaseSkillValue(skill);
       int improvement = playerStats.SkillImprovements[skill];
       bool success = rollResult >= targetValue;
targetValue}, Roll Result: {rollResult}, Success: {success}");
  public void AddAsset(Card card)
```

```
Debug.Log("Adicionando asset...");
player.Inventory.Add(card);
if (playerStats.Health <= 0 || playerStats.Sanity <= 0)</pre>
if (canPreventLoss)
playerStats.Health = Mathf.Max(0, playerStats.Health - amount);
Debug.Log("Current Health: " + playerStats.Health);
if (canPreventLoss)
playerStats.Sanity = Mathf.Max(0, playerStats.Sanity - amount);
```

```
Debug.Log("Current Sanity: " + playerStats.Sanity);
        playerStats.Health = Mathf.Min(playerStats.MaxHealth,
playerStats.Health + amount);
       Debug.Log("Sa@de atual: " + playerStats.Health);
        playerStats.Sanity = Mathf.Min(playerStats.MaxSanity,
playerStats.Sanity + amount);
        Debug.Log("Sanidade atual: " + playerStats.Sanity);
        if (playerStats.Health <= 0 || playerStats.Sanity <= 0)</pre>
```

```
SkillType skill = SkillType.Combat; // Change this to the
switch (skill)
    case SkillType.Combat:
        baseDiceCount = player.stats.Strength; // Use the
    case SkillType.Influence:
        baseDiceCount = player.stats.Influence;
    case SkillType.Lore:
        baseDiceCount = player.stats.Lore;
    case SkillType.Observation:
        baseDiceCount = player.stats.Observation;
    case SkillType.Strength:
        baseDiceCount = player.stats.Strength;
    case SkillType.Will:
        baseDiceCount = player.stats.Will;
return baseDiceCount;
SkillType skill = SkillType.Strength; // Change this to the
return player.stats.GetSkillTestModifier(skill);
SkillType skill = SkillType.Combat; // Change this to the
```

```
return player.stats.GetSkillImprovementModifier(skill);
return impairmentModifier;
return isBlessed;
return isCursed;
return diceResults;
```