Team: Alpha-Bravo

Members: Anthony Martinez (Team Leader), Dustin Chhum, Howard Cho, Luis Rodriguez

Class Diagram



List of Attributes:

1. Game
   * CurrentGameState
   * DeltaTime
   * LevelID
   * PlayerID
2. MainCharacter
   * MovementSpeedValue
   * PositionX
   * PositionY
   * IsAlive
   * CharacterSprite
   * AttackSpeed
3. Inventory
   * InventorySize
   * CurrentCount
   * SelectedItem
   * WeaponList
   * InventoryIsFull
4. Weapons
   * WeaponName
   * RoundsAmount
   * WeaponRoundsEmpty
   * WeaponSprite
5. Enemy
   * ArtificialIntelligenceLevel
   * MovementSpeedValue
   * PositionX
   * PositionY
   * IsAlive
   * EnemySprite
6. Health
   * HealthValue
   * HealthBarSprite
7. Level
   * LevelID
   * BackgroundSprite
   * IsFinished
   * EndMarkerPositionX
   * EndMarkerPositionY
8. Obstacle
   * ObstacleSprite
   * ObstacleHeight
   * Obstacle Width
   * PositionX
   * PositionY
9. Platforms
   * PlatformHeight
   * PlatformWidth
   * PositionX
   * PositionY
   * PlatformSprite