# <SingleTon>AppManager

- + public AppManager instance
- + public User user
- + public float Score
- + void Awake()
- + public void SetUser(User user)
- + public void Logout()

# AuthenticationManager

- + public GameObject FieldUsername
- public GameObject FieldPassword
- + public InputField TextEmail
- + public InputField TextUsername
- + public InputField TextPassword
- + public void Login\_Press()
- + public void Register\_Press()
- + public IEnumerator RequestLogin()
- + public IEnumerator RequestRegister()
- + public IEnumerator RequestDataUser()
- + public class User

#### **PauseMenu**

- + public static bool isOn
- + public InputField NicknameInput
- + public void Awake()
- + void LeaveRoom

### <SingleTon>GameManager

- + public GameManager instance
- + public MatchSettings MatchSettings
- + void Awake()
- + public const string Prefix
- + public Dictionairy<string,player> Player

public static void RegisterPlayer()

public static void UnRegisterPlayer()

public Dictionary<string, Player> GetPlayers()

public static Player GetPlayer(string \_playerID)

# $\nabla$

#### MatchSettings

+ public float Respawntime

<SingleTon>WebManager

- + public GameObject EndScreen
- + void Awake()
- + public void EnableEndScreen()
- + public void Set\_Score()
- + public IEnumerator SetScore(float score)

Settings

+ public Text NicknamePlaceholder

+ public InputField NicknameInput

+ IEnumerator UpdateUsername

+ public void Awake()

+ void UpdateUsername

#### State

RoleManager

**Player** 

WeaponManager

INCLUDES ALL PLAYER... SCRIPTS ON

+ public Transform weaponHolder

+ public Transform primaryWeapon

+ public Transform currentWeapon

+ public PlayerWeapon GetCurrentWeapon()

+ void Start

OBJECT

+ void Start

+ void Equipweapon()

+ public void RpcSetTurns()

+ public void RpcSwitchTurns

- + public State<T>
- + public int seconds = 0;
- + public abstract void EnterState(T \_owner);
- + public abstract void ExitState(T \_owner);
- + public abstract void UpdateState(T \_owner);
- + public abstract string ReturnText();currentState

# PrepareState

+ .. instance

# EndState

+ .. instance

#### PlayState

+ .. instance

## StateManager

- + public RoleManager RM
- + public bool switchState = true
- + public float GameTimer
- + public int seconds
- + public Text UIText
- + public delegate void RoleRandomizer()
- + static event RoleRandomizer EventRandomizeRoles
- + public static event RoleRandomizer EventRandomizeRoles RPC
- +bpublic static event RoleRandomizer EventSwitchRoles\_RPC
- + public StateMachine<State\_Manager> stateMachine
- + public void CmdChangeState()
- + public void RpcChangeState()
- + public void SetRoles()
- + public void SwitchRoles()
- + public void CmdSetRoles()
- + public void CmdSwitchRoles()
- + public void Cmd\_Randomize\_Roles\_RPC()

#### StateMachine

- + public State<T> currentState
- + public bool switchState = true
- + public T Owner
- + public StateMachine(T \_o)
- + ChangeState(State<T> \_newstate)
- + public void Update()
- + public abstract class State<T>