

1. Create input map for movement

```
[Serializable]
public sealed class InputMap
{
    public KeyCode forward;
    public KeyCode back;
    public KeyCode left;
    public KeyCode right;
}
```

2. Write function that return input move direction

```
public static class InputUseCases
{
    public static float3 GetMoveDirection(this InputMap inputMap)
    {
        float3 moveDirection = float3.zero;

        if (Input.GetKey(inputMap.left))
        {
            moveDirection.x = -1;
        }
        else if (Input.GetKey(inputMap.right))
        {
            moveDirection.x = 1;
        }

        if (Input.GetKey(inputMap.back))
        {
            moveDirection.z = -1;
        }
        else if (Input.GetKey(inputMap.forward))
        {
            moveDirection.z = 1;
        }

        return moveDirection;
    }
}
```

3. Create Movement System

```
public sealed class CharacterMovementSystem : IContextInit, IContextUpdate
{
    private IValue<IEntity> _character;
    private InputMap _inputMap;

    public void Init(IContext context)
    {
        _character = context.GetCharacter();
        _inputMap = context.GetInputMap();
    }

    public void Update(IContext context, float deltaTime)
    {
        _character.Value.GetMoveDirection().Value = _inputMap.GetMoveDirection();
    }
}
```

4. Install Movement Components to Player Context

```
public sealed class CharacterMovementInstaller : SceneContextInstallerBase
{
    [SerializeField]
    private InputMap inputMap;

    public override void Install(IContext context)
    {
        context.AddInputMap(this.inputMap);
        context.AddSystem<CharacterMovementSystem>();
    }
}
```