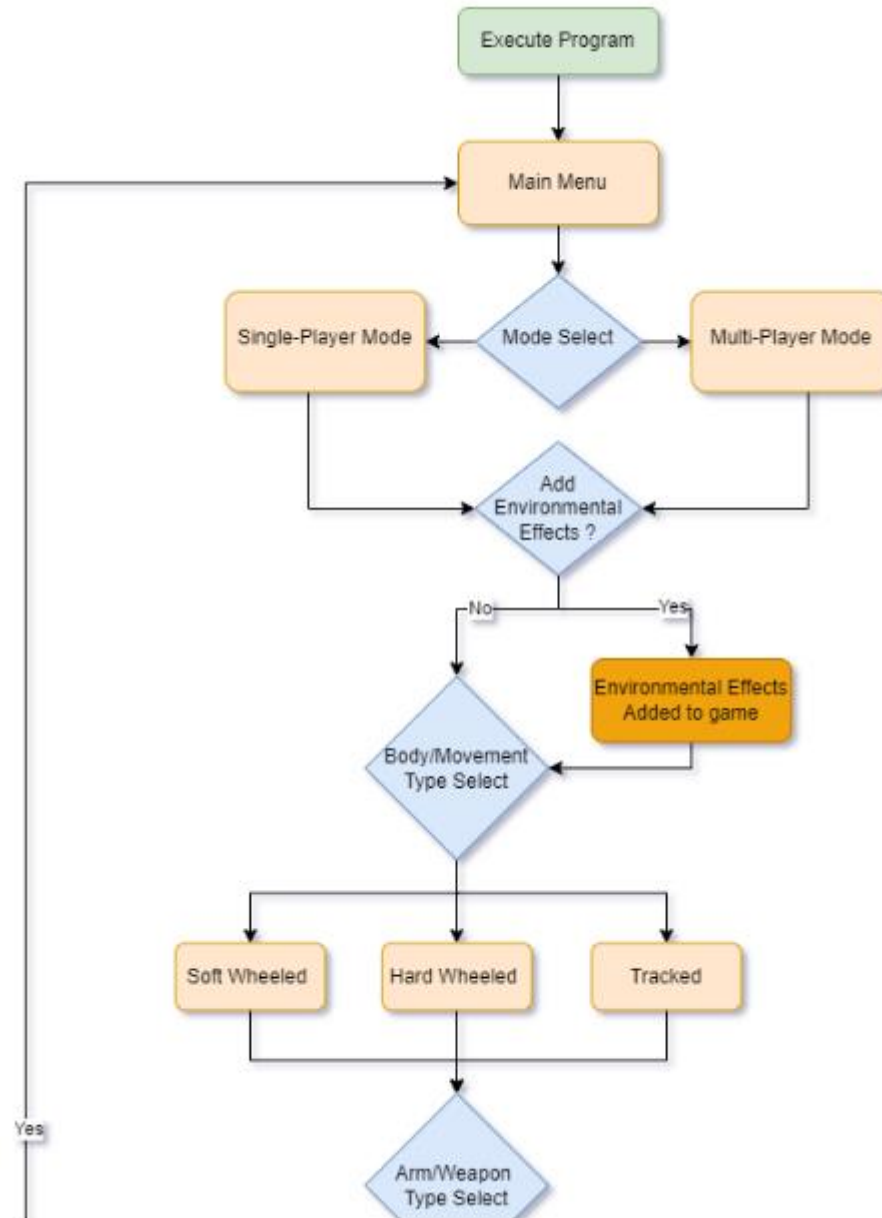


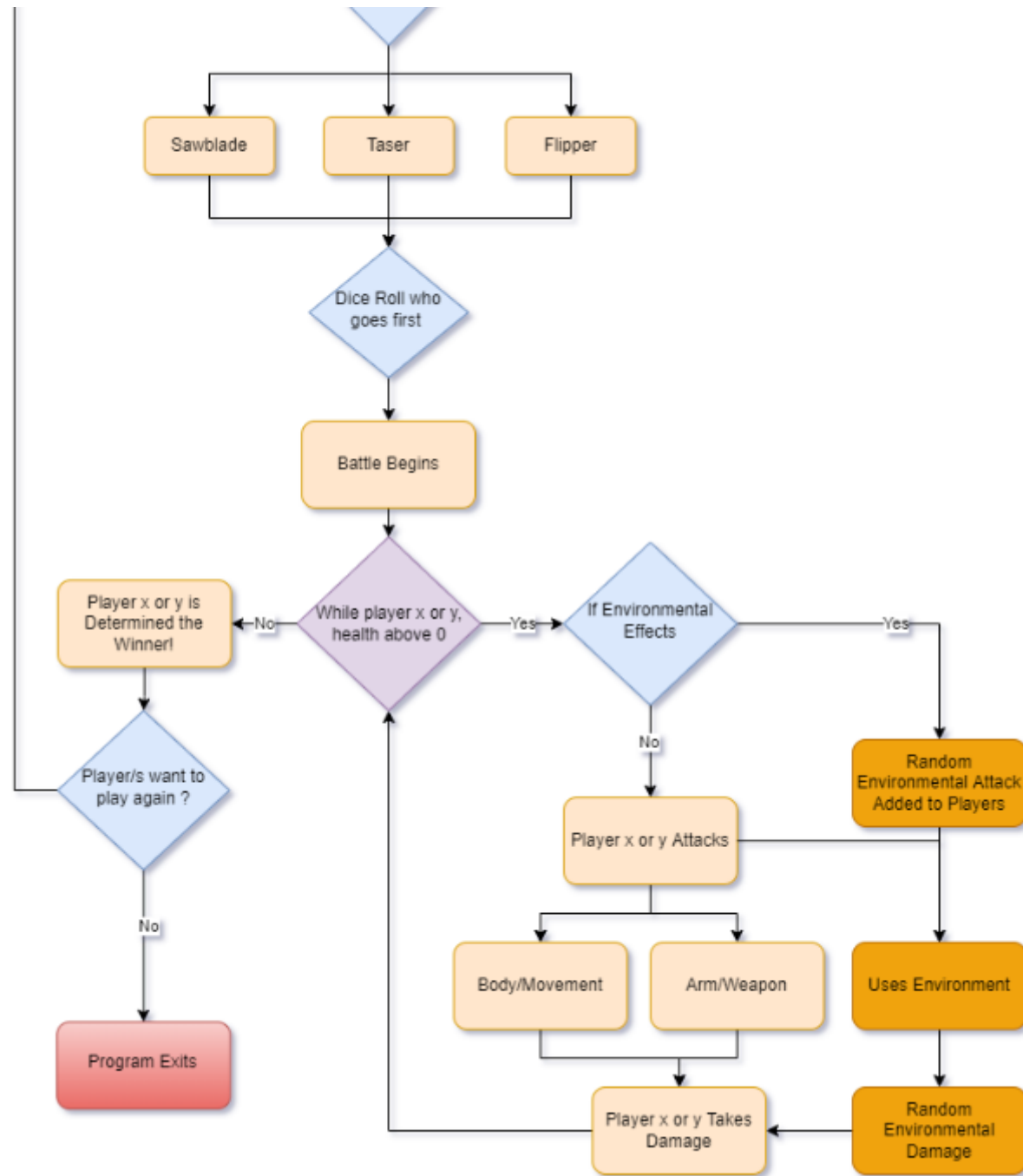
# Battle Robots

This Slide deck displays the logic of the game design in a Control Flow Diagram, screenshots taken whilst in game, and the damage chart I utilised to determine how attacks were calculated in game.

## List of Contents

- Control Flow Diagram
- Game User Interaction
- Damage Chart







# BATTLE ROBOTS

- > Single Player
- Multi Player
- Exit Game





# BATTLE ROBOTS

What's your Battle Robots Name ? kevin

Welcome, Kevin

You're Battling: Nuts-n-Bolts!

...initializing...





# BATTLE ROBOTS

Do you want Arena Effects added to game ?

Arena effects allow players to target their opponent with the Arena's Powersaw's, Crushing Mallets and Flame-Jets!

Players may also randomly be hit by these effects in the Arena!

> ☒ Yes  
☐ No

# BATTLE ROBOTS

Kevin: What Body-Type do you want ?

- > Tracked
- Soft-Wheeled
- Hard-Wheeled
- Main Menu

# BATTLE ROBOTS

Kevin: What Weapon do you want to punish your opponent with!

- > **Electrocutor**
- Powersaw
- Flipper
- Main Menu



# BATTLE ROBOTS

Roll for who attacks first!

Kevin rolls: 3

Mechanicus rolls: 3

Same number, roll again!

Kevin rolls: 2

Mechanicus rolls: 5

Mechanicus attacks first!

...initializing...



# BATTLE ROBOTS

Player One: Kevin, Health: 120

Weapon: Electrocutor, Body-Type: Soft-Wheeled

Player Two: Nuts-n-Bolts, Health: 120

Weapon: Electrocutor, Body-Type: Soft-Wheeled

Where do you want to attack your opponent, Kevin?

> Attack Nuts-n-Bolts Weapon: Electrocutor

Attack Nuts-n-Bolts Body: Soft-Wheeled

Attempt to push Nuts-n-Bolts into the Arena's Flame-Jets

# BATTLE ROBOTS

Player One: Kevin, Health: 84

Weapon: Electrocutor, Body-Type: Tracked

Player Two: Tank, Health: 71

Weapon: Electrocutor, Body-Type: Hard-Wheeled

Where do you want to attack your opponent, Tank?

Tank is thinking....

Tank has selected: Attack Kevin Body: Tracked

Kevin takes 10 damage!



# BATTLE ROBOTS

Player One: Kevin, Health: 14

Weapon: Electrocutor, Body-Type: Tracked

Player Two: Tank, Health: 37

Weapon: Electrocutor, Body-Type: Hard-Wheeled

Where do you want to attack your opponent, Kevin?

You have selected Attempt to push Tank into the Arena's Crushing Mallets

Tank takes 18 damage!

Kevin has driven into the Arena's Powersaw!

Kevin takes 1 damage! ouch...







Weapon Type	Attacking	Damage
Electrocutor	Tracked	30
	Softwheeled	10
	Hardwheeled	20
	Powersaw	20
	Flipper	30
	Electrocutor	10
Powersaw	Tracked	20
	Softwheeled	30
	Hardwheeled	10
	Powersaw	10
	Flipper	20
	Electrocutor	30
Flipper	Tracked	10
	Softwheeled	20
	Hardwheeled	30
	Powersaw	30
	Flipper	10
	Electrocutor	20