ClassDiagram

Moveable # posX: number # posY: number # scaling: number + constructor(_posX: number, _posY: number, _scaling: number) + draw(): void Customer - speedX: number - speedY: number

DisplayIcecream

- toppingColors: string[]
- sauceColor: string
- sprinklesColor: string
- whipped: boolean
- + waffle: boolean
- + cost: number
- + id: string
- + constructor(_posX: number, posY: number,
 - _toppingColors: string[],
 - _sauceColor: string,
 - sprinklesColor: string,
 - whipped: boolean,
 - waffle: boolean,
 - _cost: number, _id: string, _scaling: number = 1)
- + draw(): void
- drawBowl(): void
- drawWaffle(): void
- drawToppingSauceSprinkles(_toppingNum: number) : void
- drawWhipped(): void
- + eatTopping(): boolean
- + changeToppings(_newToppings: string[]): void
- + changeSauce(newSauce: string): void
- + changeSprinkles(_newSprinkles: string): void
- + changeWhipped(_newWhip: boolean): void
- + changePos(_posX: number, _posY: number): void

- id: number
- mood: CustomerMood
- + status: CustomerStatus
- rating: number
- frameCount: number
- mouthOpen: boolean
- mylcecream: DisplayIcecream
- + selected: boolean
- myQueuePos: number
- mySeatPos: number
- wasServed: boolean
- tooExpensive: boolean
- + constructor(posX: number, posY: number, speedX: number, speedY: number, id: number, _mylcecream: Displaylcecream, _tooExpensive: boolean, _scaling: number = 1,
 - mood: CustomerMood = CustomerMood.Good, _status: CustomerStatus =
 - CustomerStatus.Arriving, _rating: number = 10, _frameCount: number = -20,
 - _mouthOpen: boolean = false, _selected: boolean = false, _myQueuePos: number = -1, mySeatPos: number = -1, wasServed: boolean = false)
- + draw(): void
- drawFace(_customerR: number): void
- + drawSpeechbubble(): void
- doAction(_customerR: number): void
- arrive(): void
- goToQueue(): void
- goToSeat(): void
- leaveShop(): void
- exitScene(): void
- paceOutside(): void
- + givelcecream(creamID: string): boolean
- checkSeats(): boolean
- checkQueue(): boolean
- checkMood(): void
- checkShopStatus(): void
- updateStatus(newStatus: CustomerStatus): void
- updateRating(_change: number): void

« interface » FullIcecream

title: string price: number

toppings: string

toppingsAmount: number

sauce: number

hasSauce: boolean sprinklesType: number

whippedCream: boolean

id: string

« enum » CreamTypes

Chocolate

Vanilla

Strawberry

Blueberry

Banana

Smurf

« interface » FormDataJSON

[key: string]: FormDataEntryValue | FormDataEntryValue[]

« enum » CustomerStatus

Arriving

WaitingOutside

GoingToQueue

AskingForIcecream

WaitingInside

GoingToSeat

Eating

Leaving

Reviewing

« enum » CustomerMood

Bad

Okay

Good

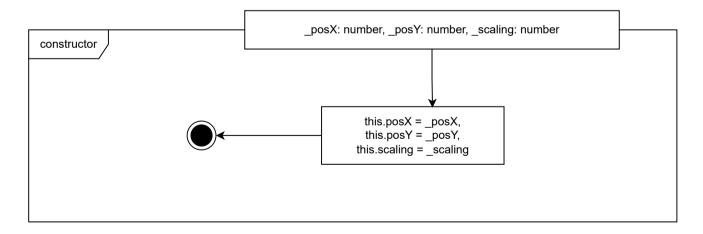
« enum » SprinklesType

None

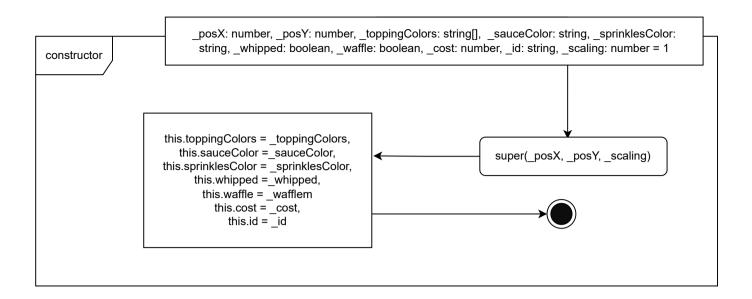
Chocolate

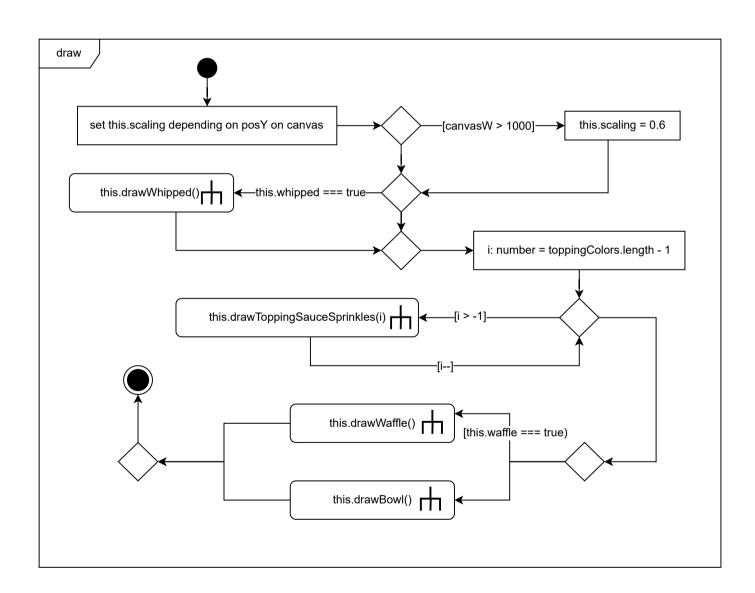
Mint

Moveable:

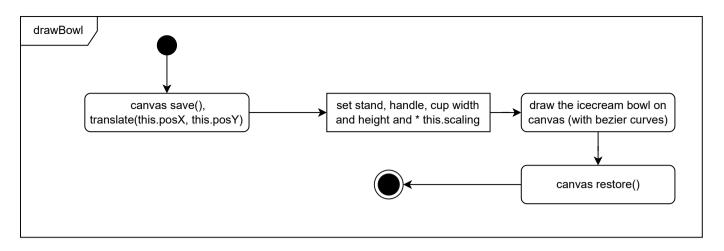


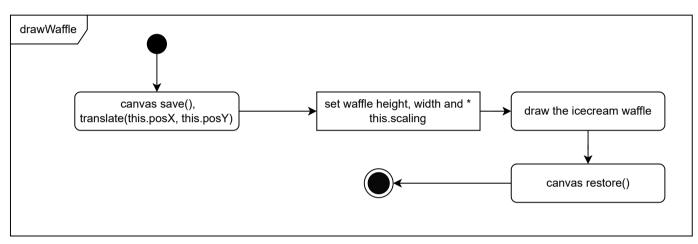
DisplayIcecream: (1)

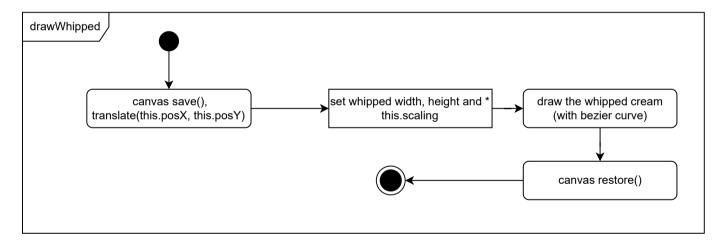


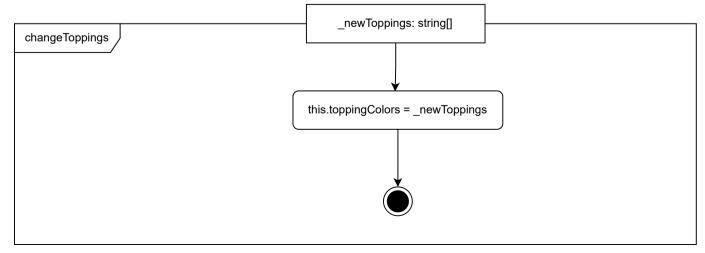


DisplayIcecream: (2)

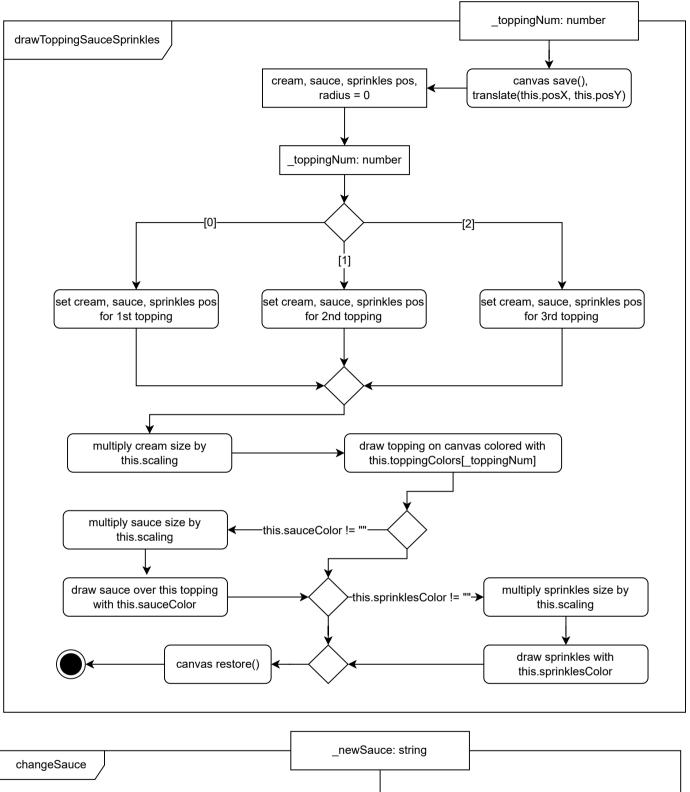


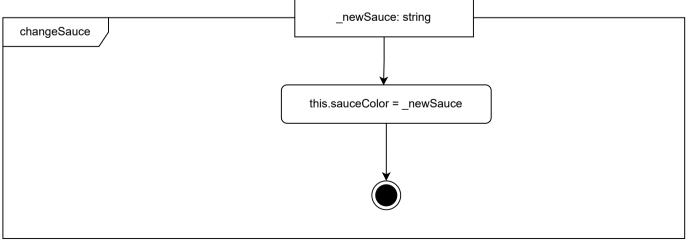




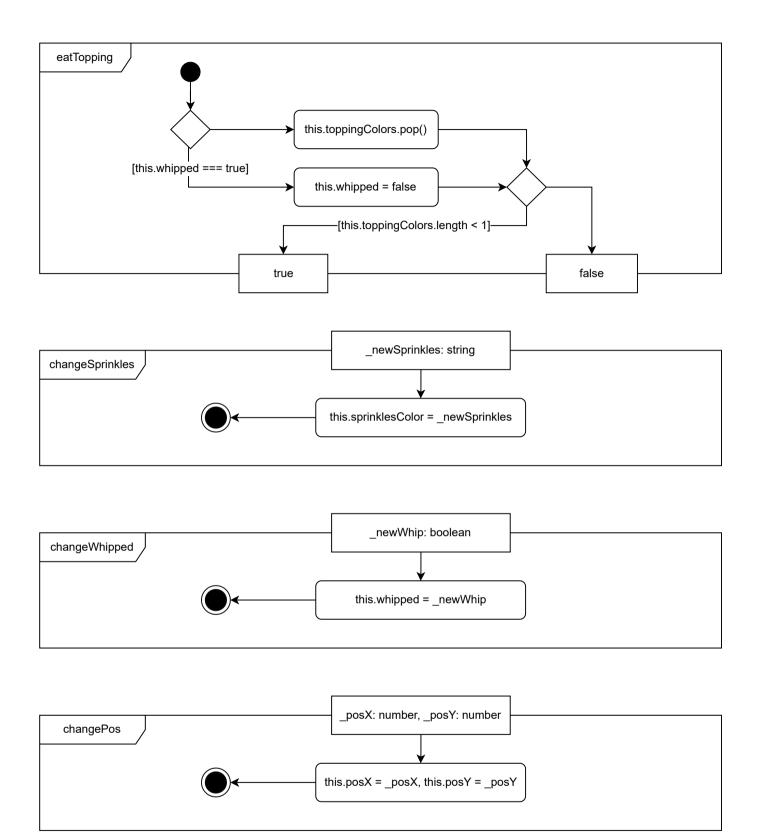


DisplayIcecream: (3)

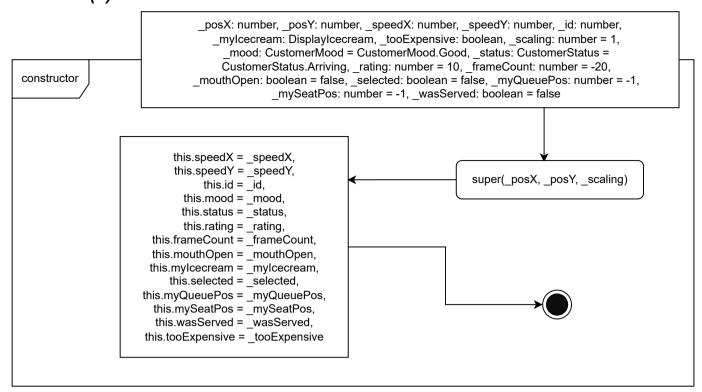


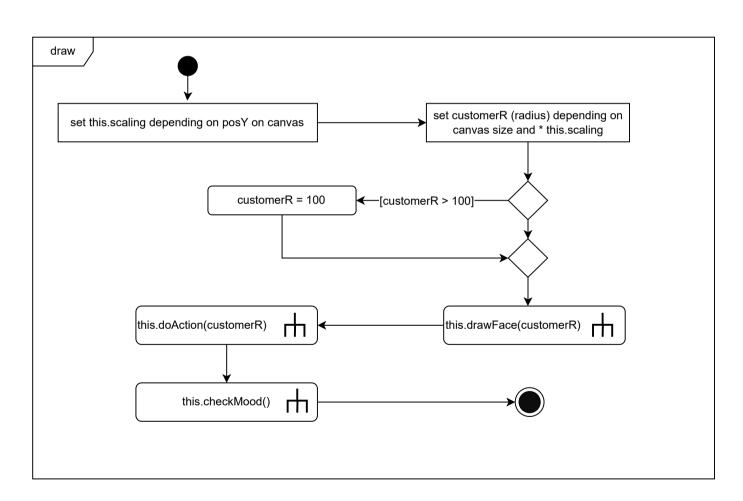


DisplayIcecream: (4)

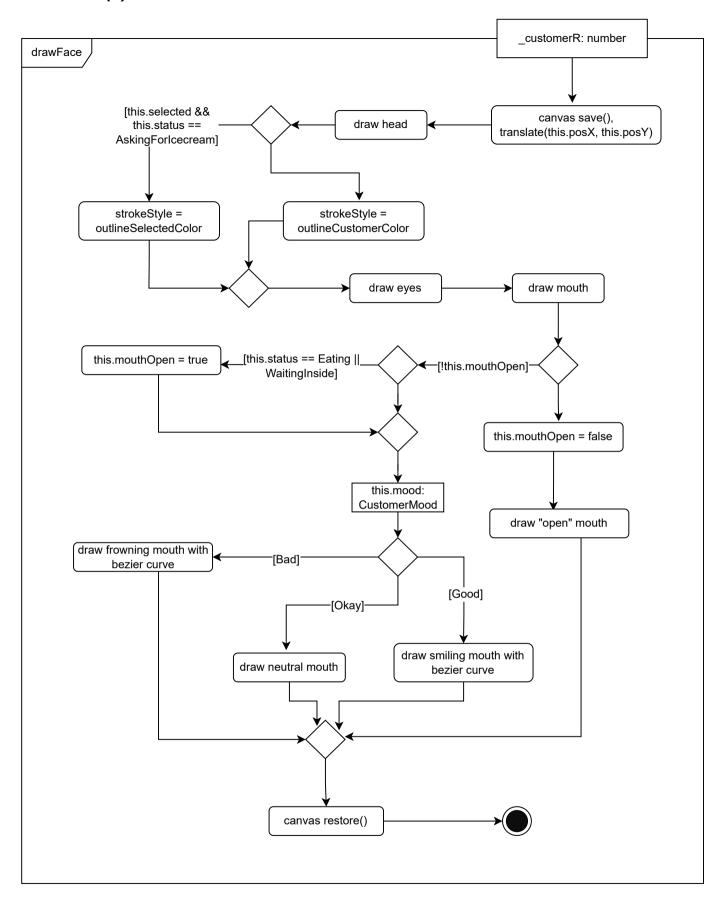


Customer: (1)

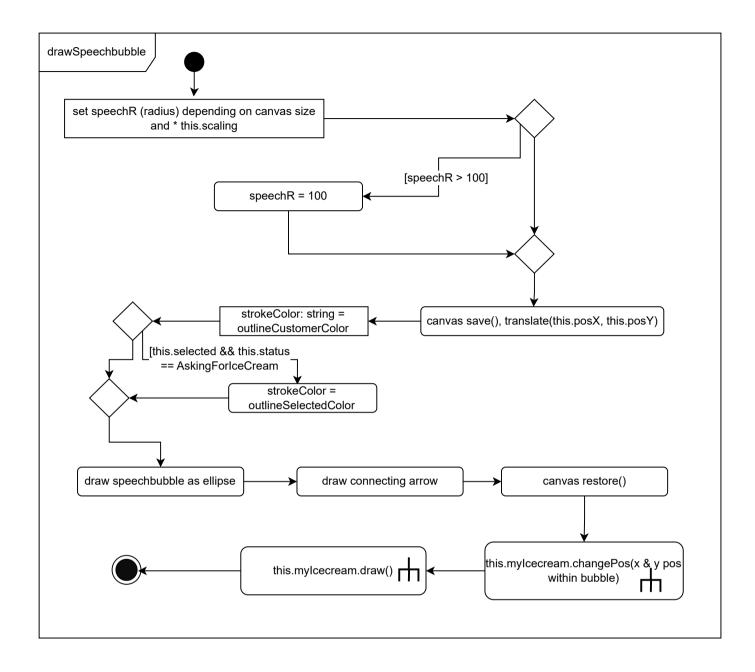


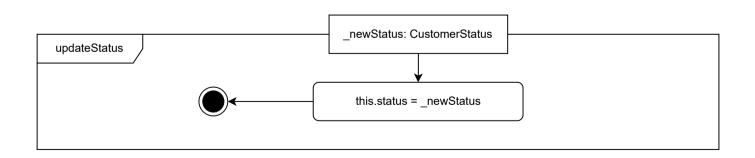


Customer: (2)

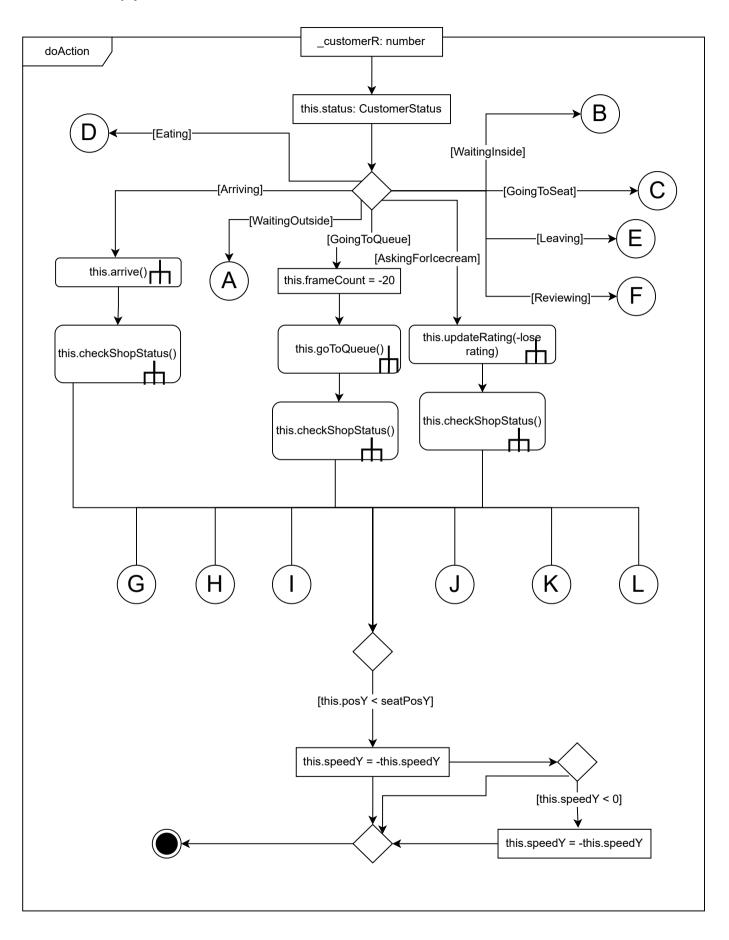


Customer: (3)

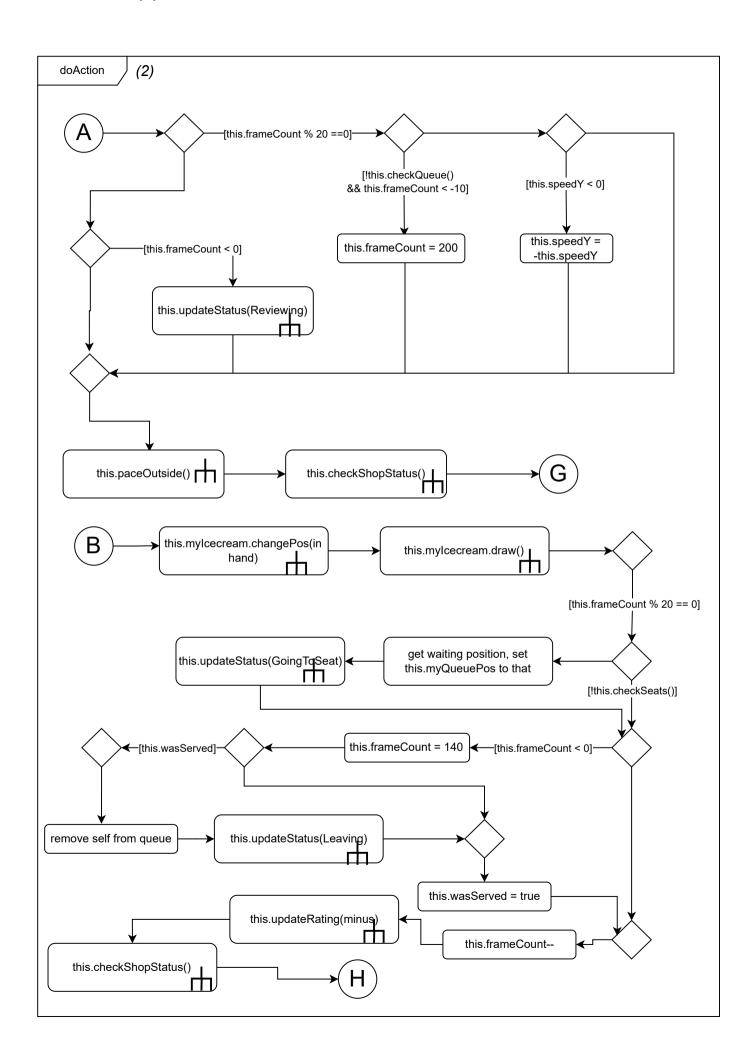




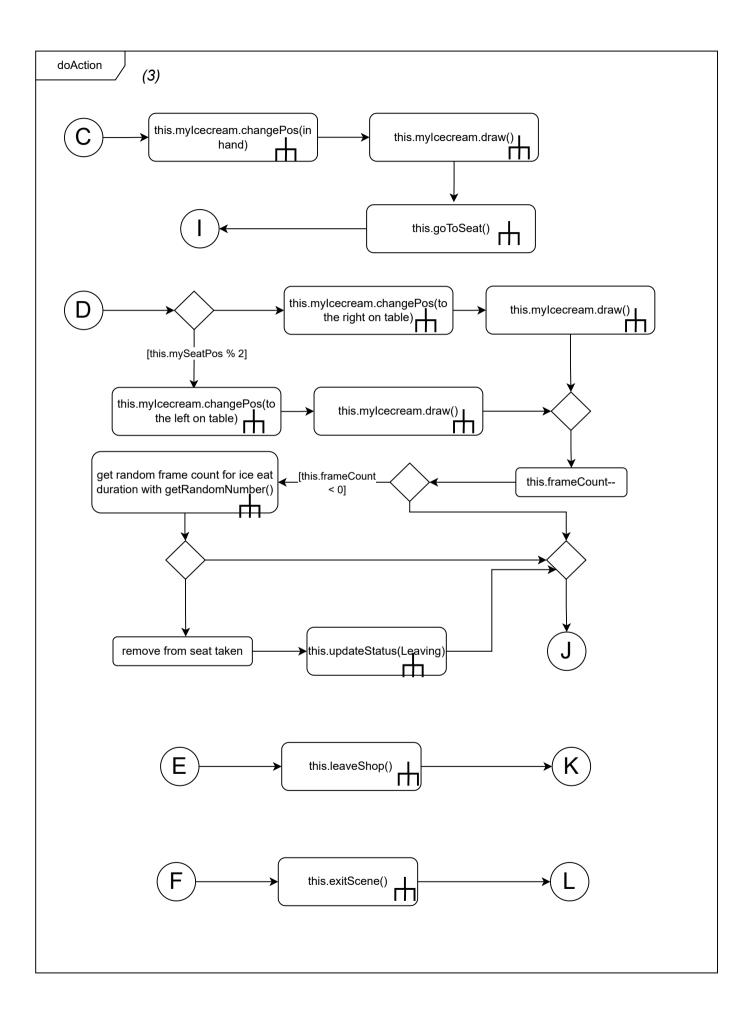
Customer: (4)



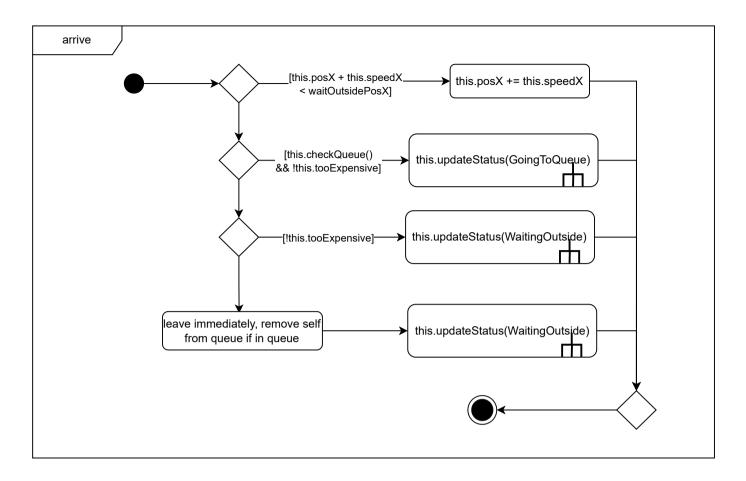
Customer: (5)

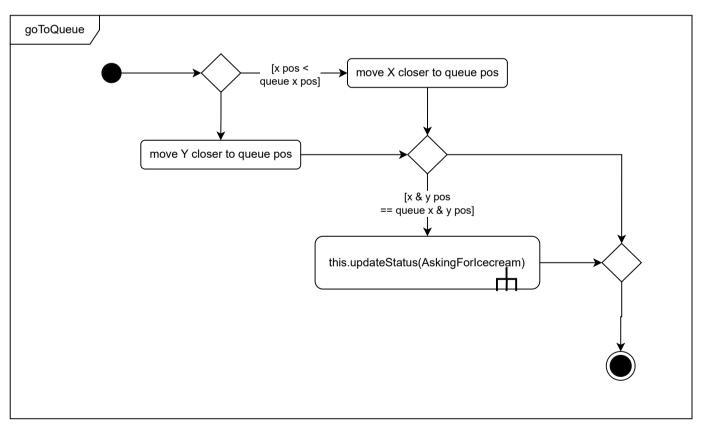


Customer: (6)

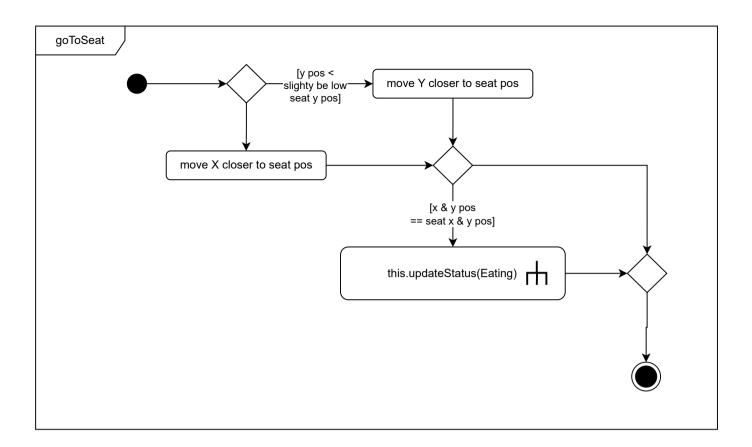


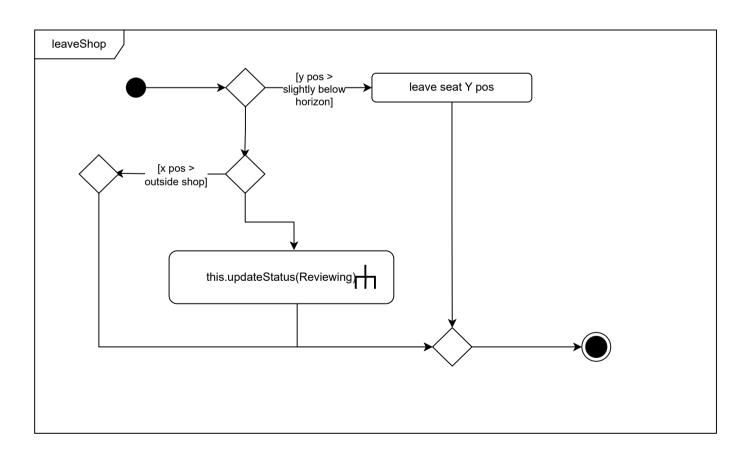
Customer: (7)



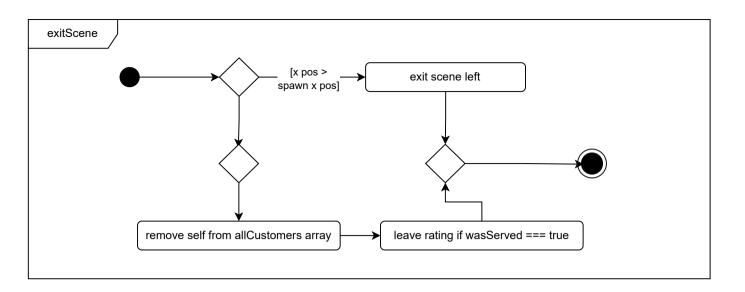


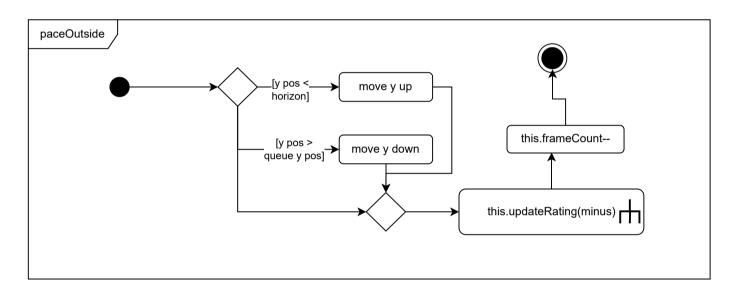
Customer: (8)

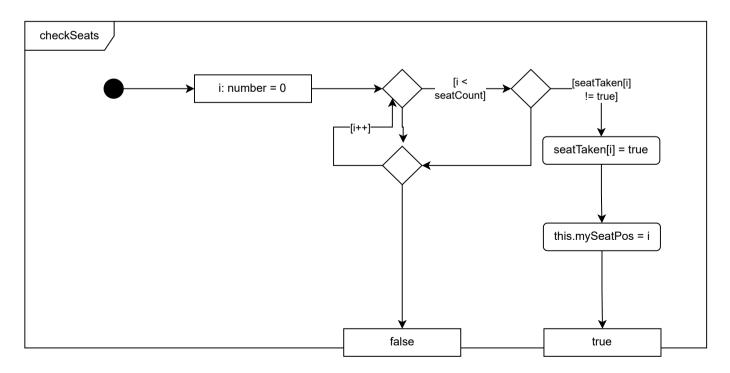




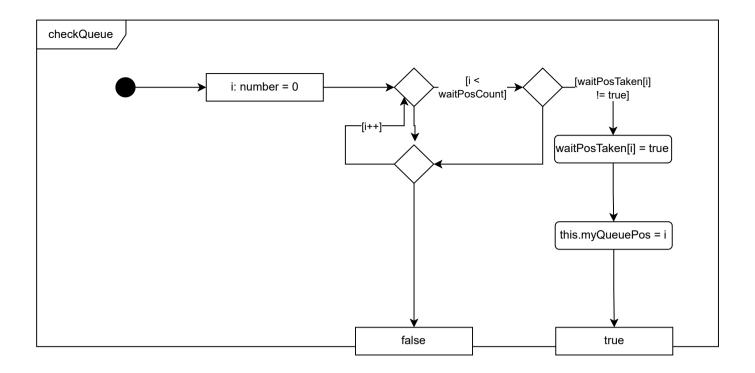
Customer: (9)

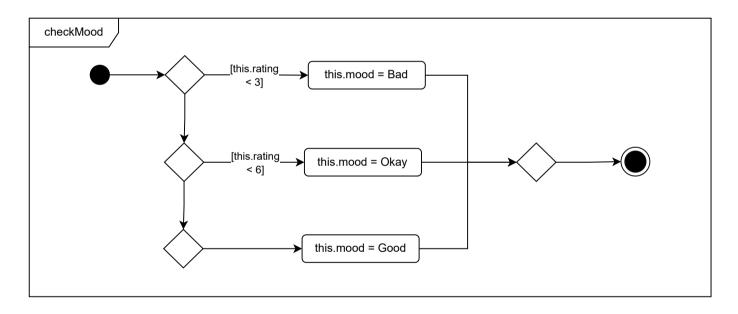


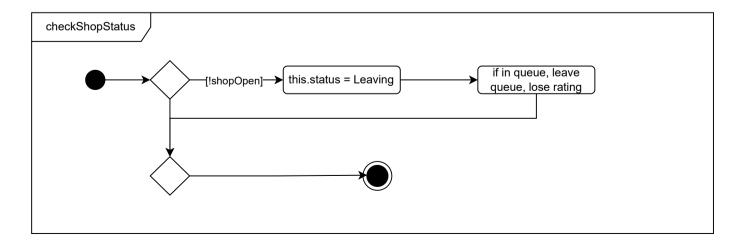




Customer: (10)







Customer: (11)

