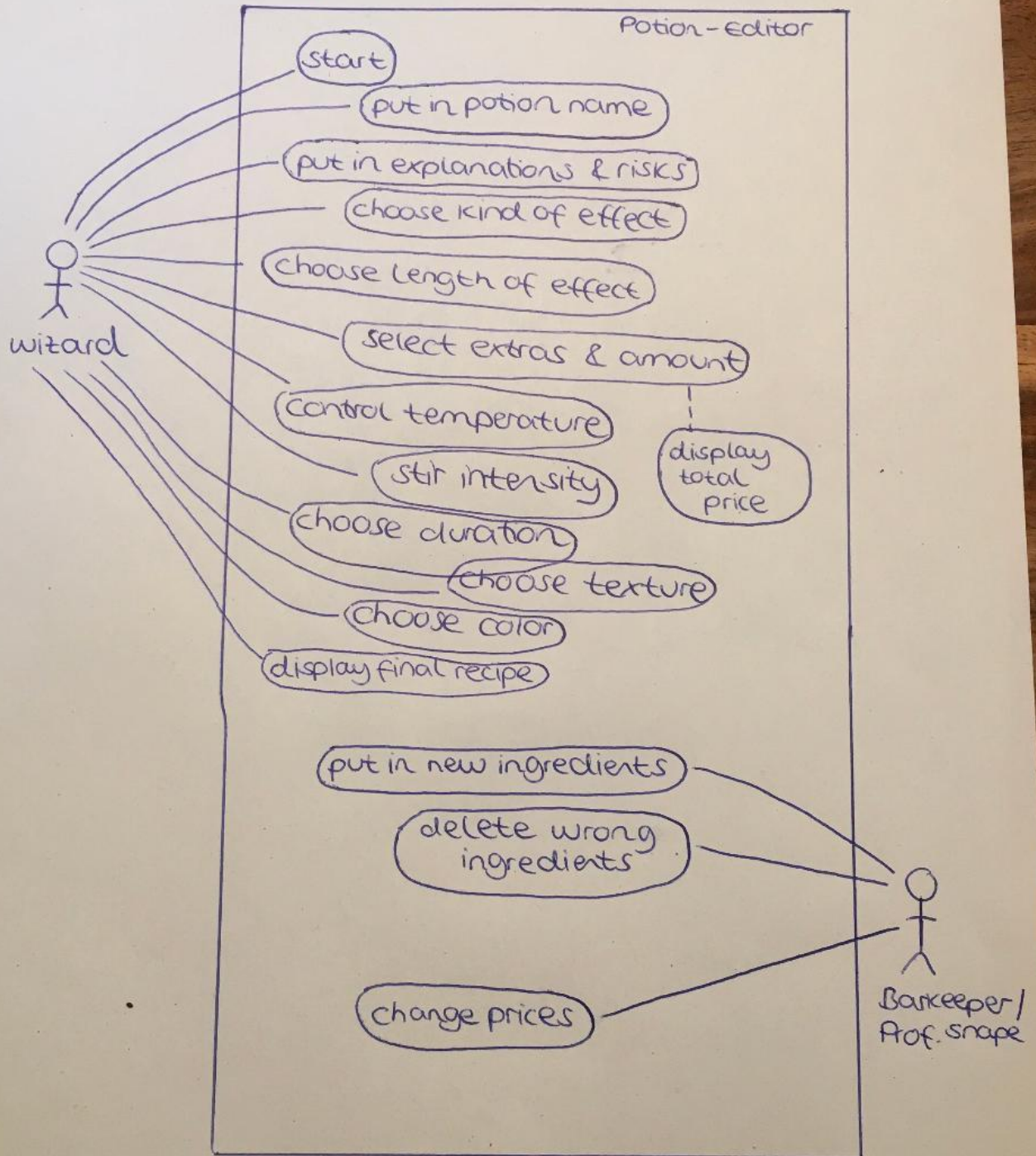


L04 - Hexenkessel - Datenstruktur

① Use-case-Diagramm



② UI - Scribble

[illegible]

③ Data Structures

category	name: string	price: number
Potion	Name	
Explanation	Explanation	
Effect	love power invisible EIA-pro	
Amount	amount	
Intensity	low middle hard	
Texture	tough liquid slimy	
Color	#458B74	
Extras	spider-legs blood (mL) fingernail/s	100.00 300.00 12.00

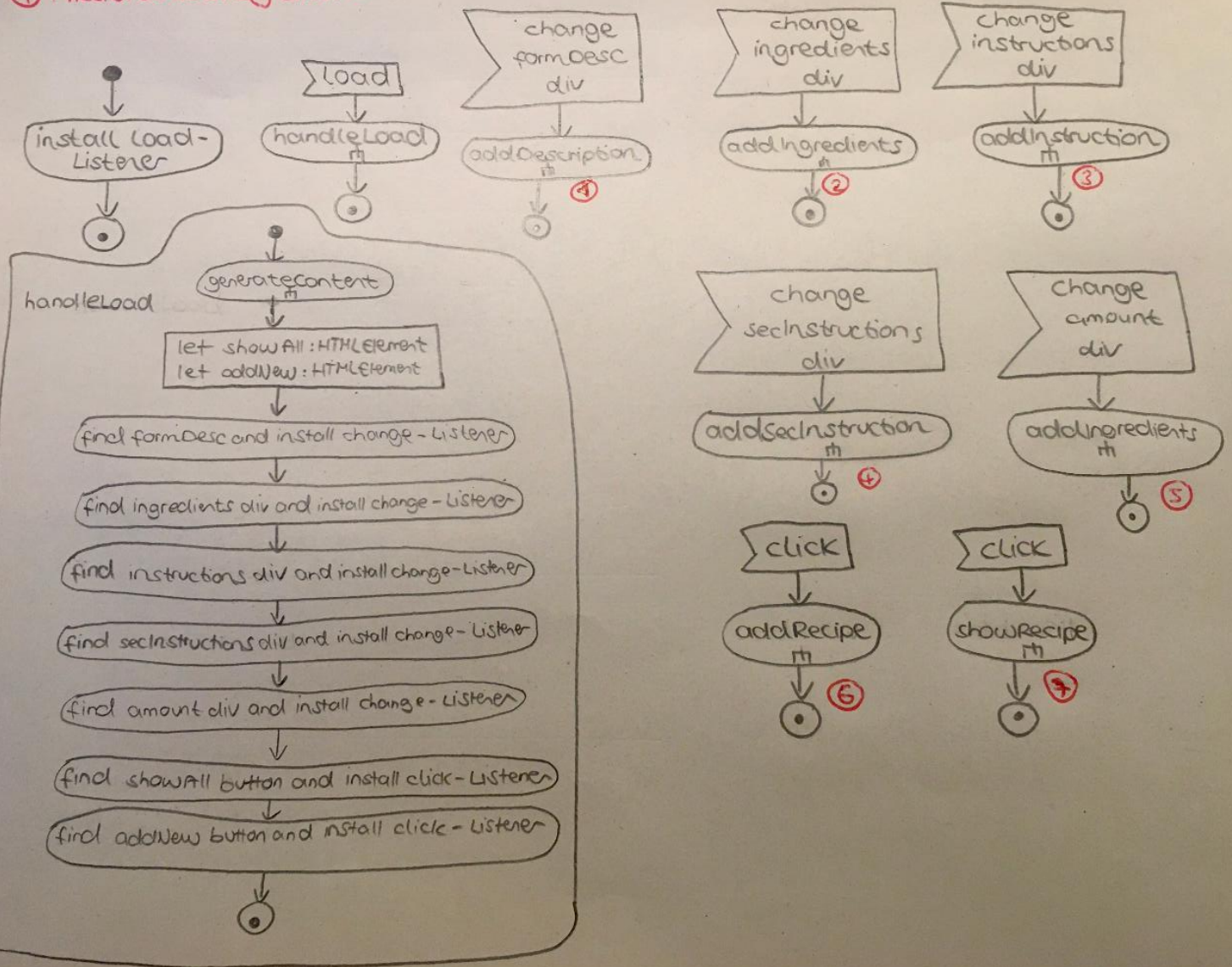
priceData

JSON

```
{
  Potion: [{name: "Name"}],
  Explanation: [{name: "Explanation"}],
  Effect: [{name: "love"},
    {name: "power"},
    {name: "invisible"},
    {name: "EIA-pro"}],
  Amount: [{name: "amount"}],
  Intensity: [{name: "low"},
    {name: "middle"},
    {name: "hard"}],
  Texture: [{name: "tough"},
    {name: "liquid"},
    {name: "slimy"}],
  Color: [{name: "#458B74"}]
};
```

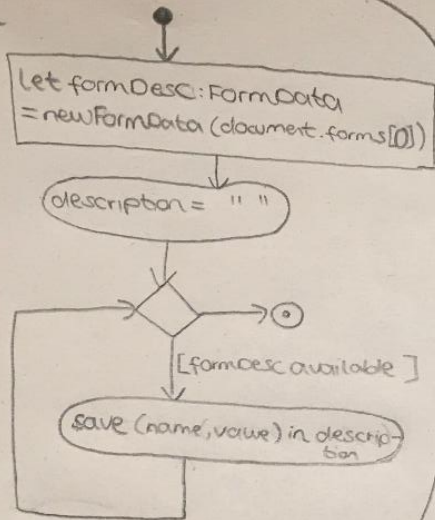
```
{
  Extras: [{name: "spider-legs", price: 100.00},
    {name: "blood (mL)", price: 300.00},
    {name: "fingernail/s", price: 12.00}]
}
```

④ Aktivitätsdiagramm



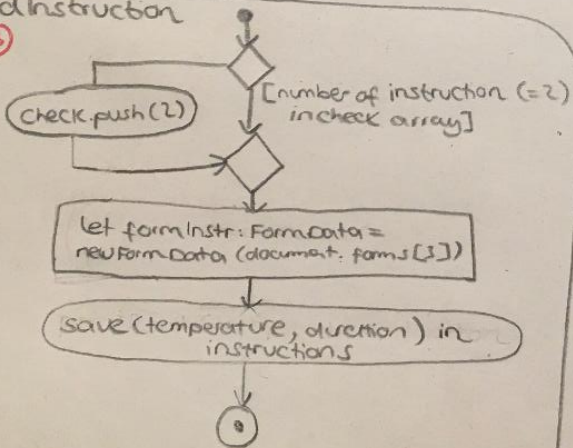
addDescription

①



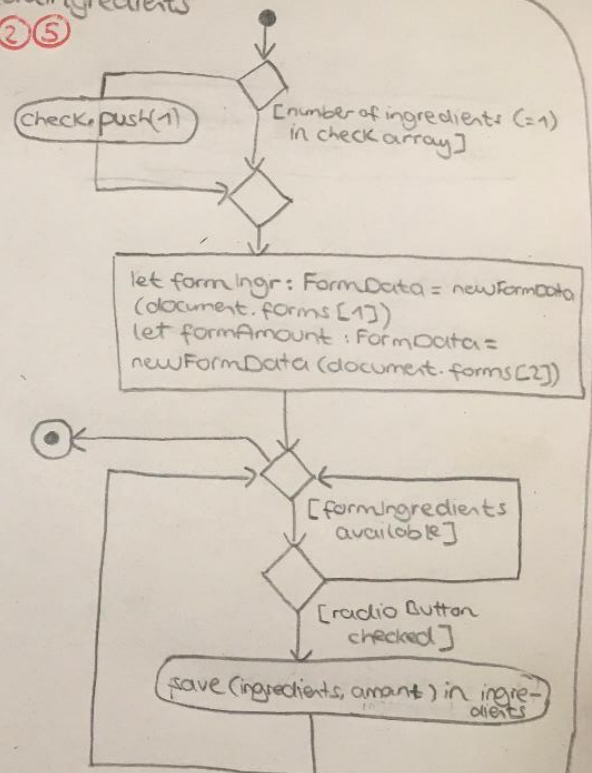
addInstruction

③



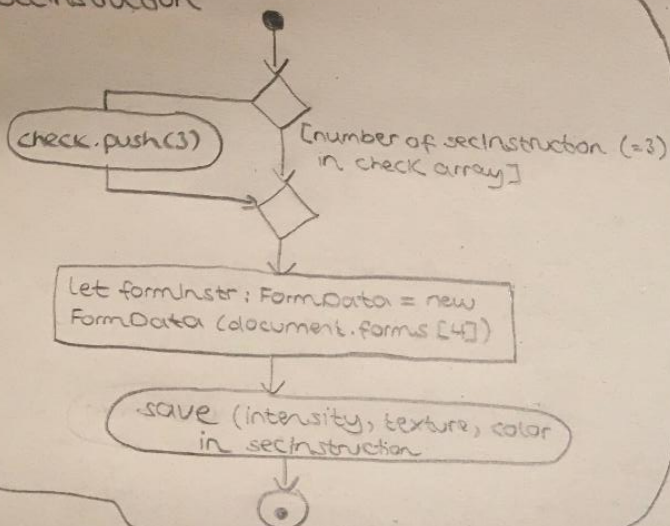
addIngredients

② ⑤



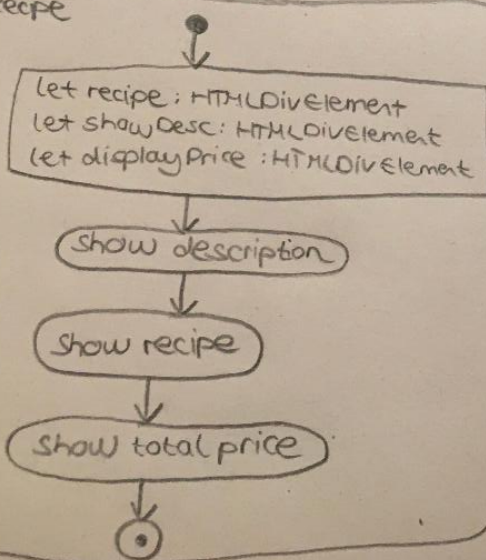
addSecInstruction

④



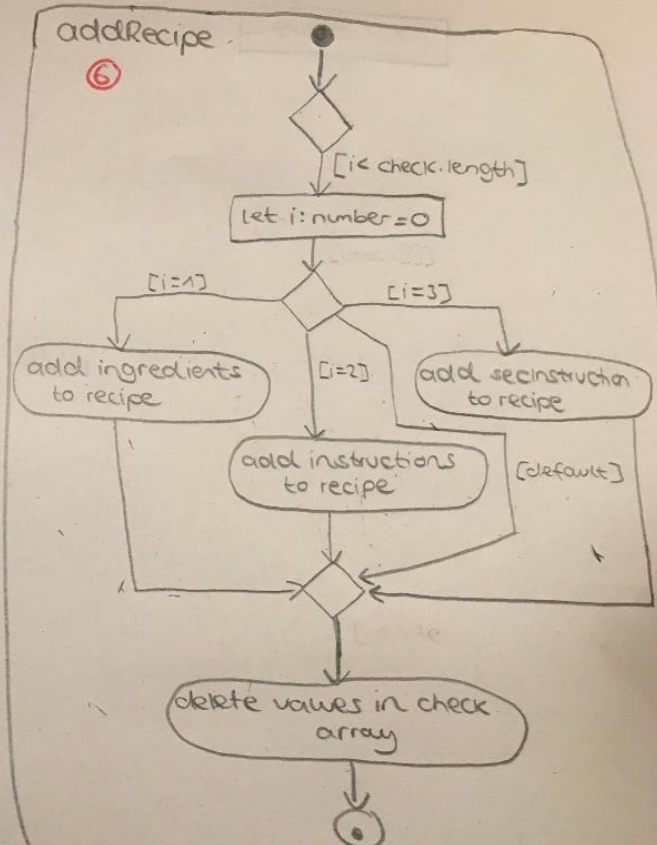
showRecipe

⑦



addRecipe

⑥



8

calculatePrice

- price : number [], - amount : number []

let totalAmount : number
let sickel : number
let knut : number
let galleoner : number



[- prices available]

totalAmount = - prices.getNextPrice *
- amount.getNextAmount



[totalPrice < 493]

galleoner = totalPrice / 493

sickel = (galleoner % 493) / 29

knut = sickel % 29

[totalPrice < 29]

sickel = totalPrice / 29

knut = totalPrice % 29

totalPrice + "knut"

sickel + "Sickel" + knut + "knut"

totalPrice + galleoner + "Galleoner" + sickel +
"Sickel" + knut + "knut"