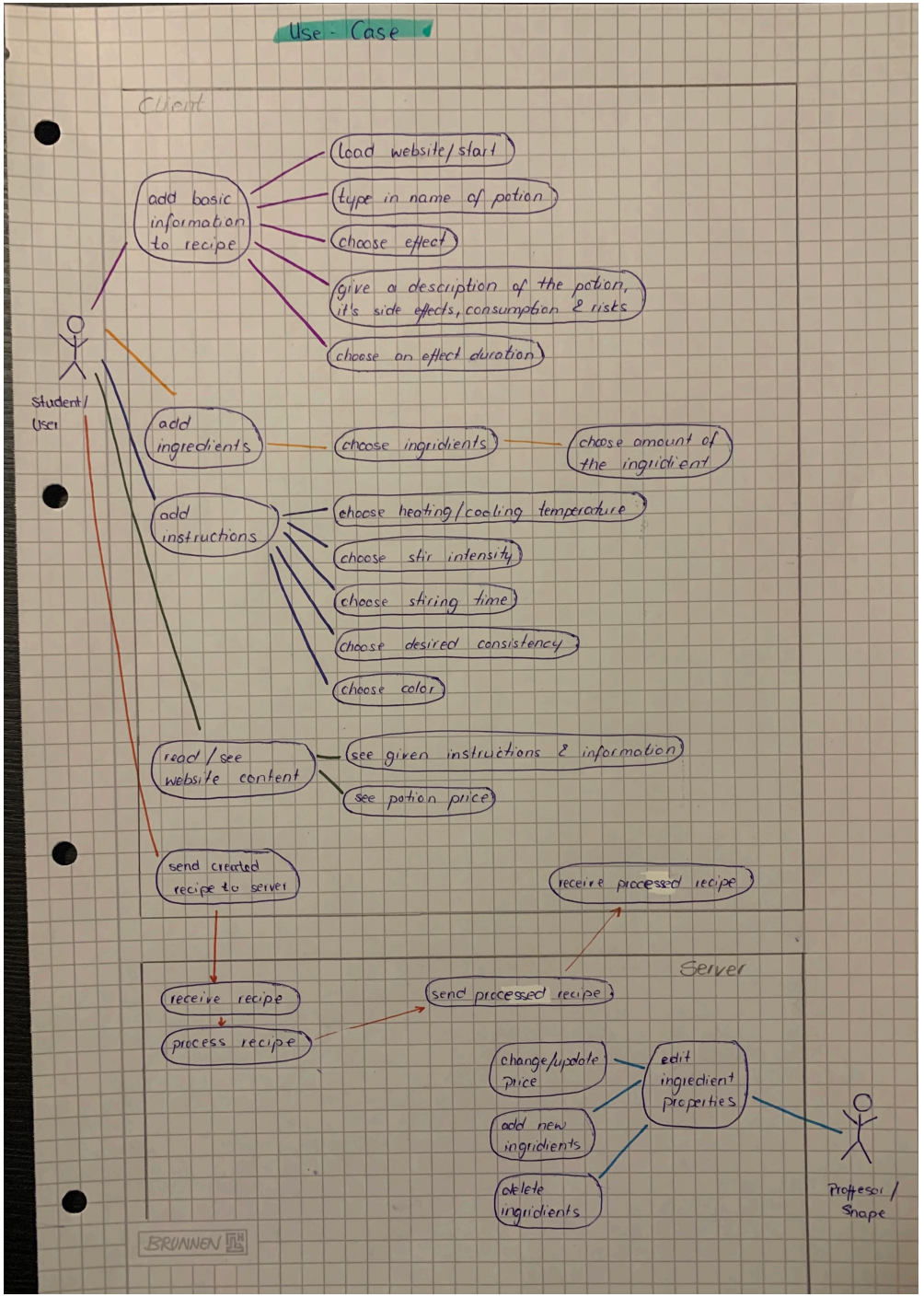
Use - Case
Client
add basic information to recipe
load website/start
type in name of potion
choose effect
give a description of the potion, it's side effects, consumption & risks
choose an effect duration
Student/ User
add ingredients
choose ingridients
chose amount of the ingridient
add instructions
choose heating/cooling temperature
choose stir intensity
choose stiring time
choose desired consistency
choose color
read/see website content
see given instructions & information
see potion price
send created recipe to server
receive processed recipe
Server
receive recipe
process recipe
send processed recipe
change/update price
add new ingridients
delete ingridients
edit ingredient properties
Professor/ Snape
BRUNNEN

Data structures

Trank

category	name: string	duration: number
Potion	Name	
Effect	Liebestrank Alterungsstopper Glücklichmacher Wachmacher ...	
Explanation	Beschreibung	
Duration		2 4 6 ...

Zutaten

category	name: string	amount: number	price: number
Ingridient	graue Haare schlangenschuppen einhornhorn ...	a b c	2 4 42

Zubereitung

category	name: string	number: number
cook / cool		x
Mixing intensity		1 2 3 4 5
Duration		4
Consistency	schleimig zäh dünnflüssig klebrig ...	
Color	blutrot kotzgrün königsblau gallengelb ...	

JSON

```
{ Potion : [{name: "Name"}],

  Effect: [{name: "Liebestrank"},
           {name: "Alterungsstopper"},
           {name: "Glücklichmacher"},
           {name: "Wachmacher"}]

  Explanation: [{name: "Beschreibung"}]

  Duration: [{duration: 72}]

};

{ Cook/Cool: [{number: x}],

  Mixingintensity: [{number: 1},
                    {number: 2},
                    {number: 3},
                    {number: 4},
                    {number: 5}],

  Duration: [{number: y}],

  Consistency: [{name: "schleimig"},
                {name: "zäh"},
                {name: "dünnflüssig"},
                {name: "klebrig"}],
```

```
  Color: [{name: "blutrot"},
          {name: "kotzgrün"},
          {name: "königsblau"},
          {name: "gallengelb"}]

}

{ Ingridient: [{name: "graue haare", amount: a, price: 2},
               {name: "schlangenschuppen", amount: b, price: 4},
               {name: "einhornhorn", amount: c, price: 42}]

};
```