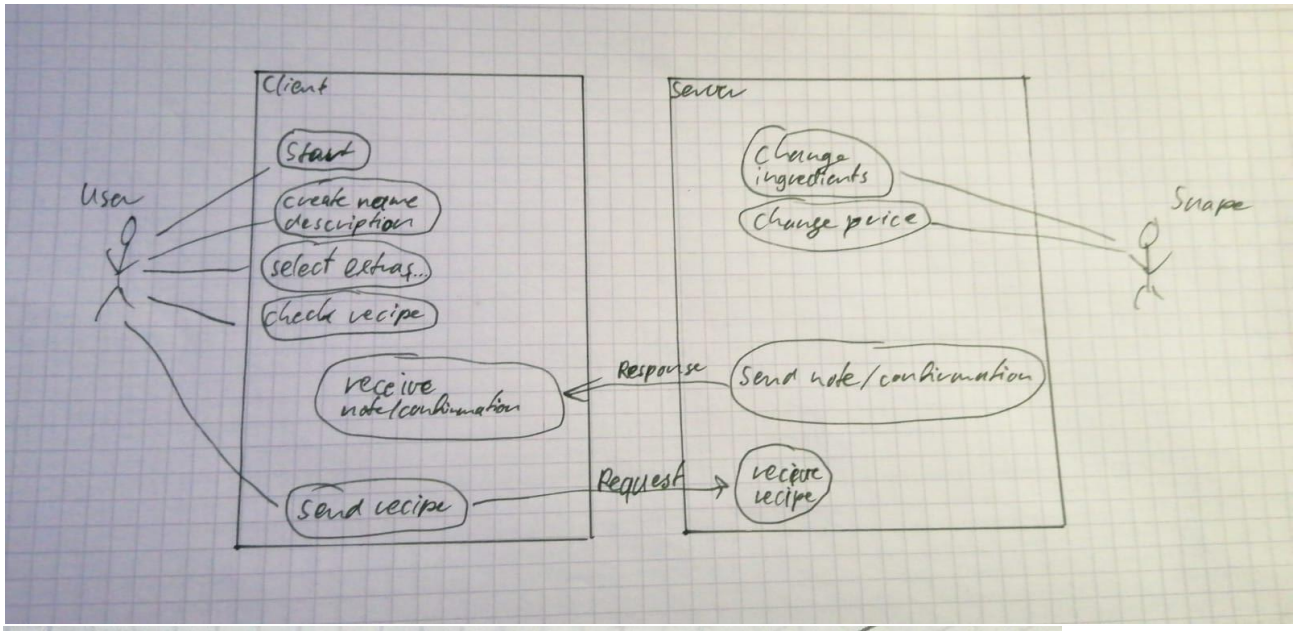
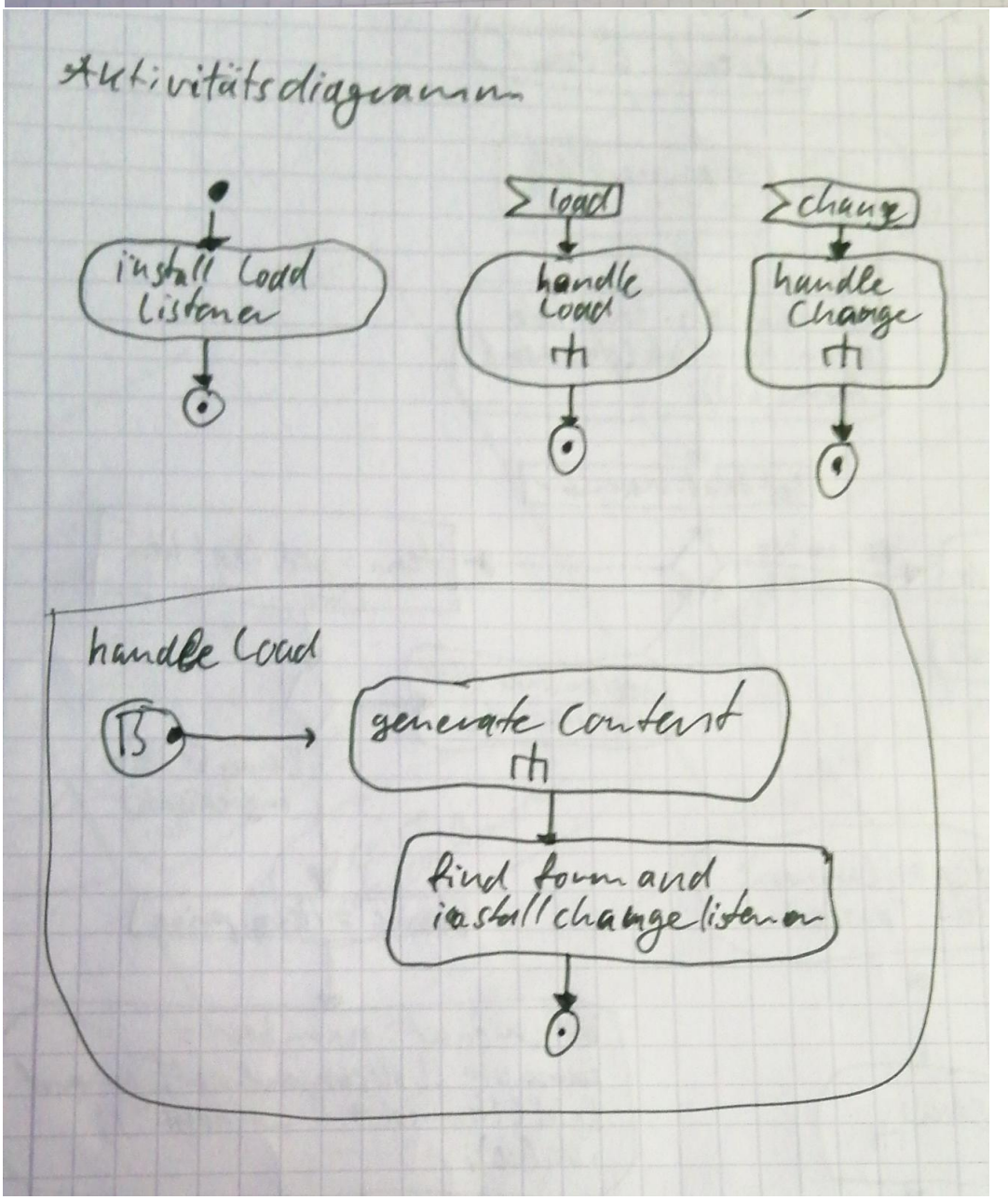
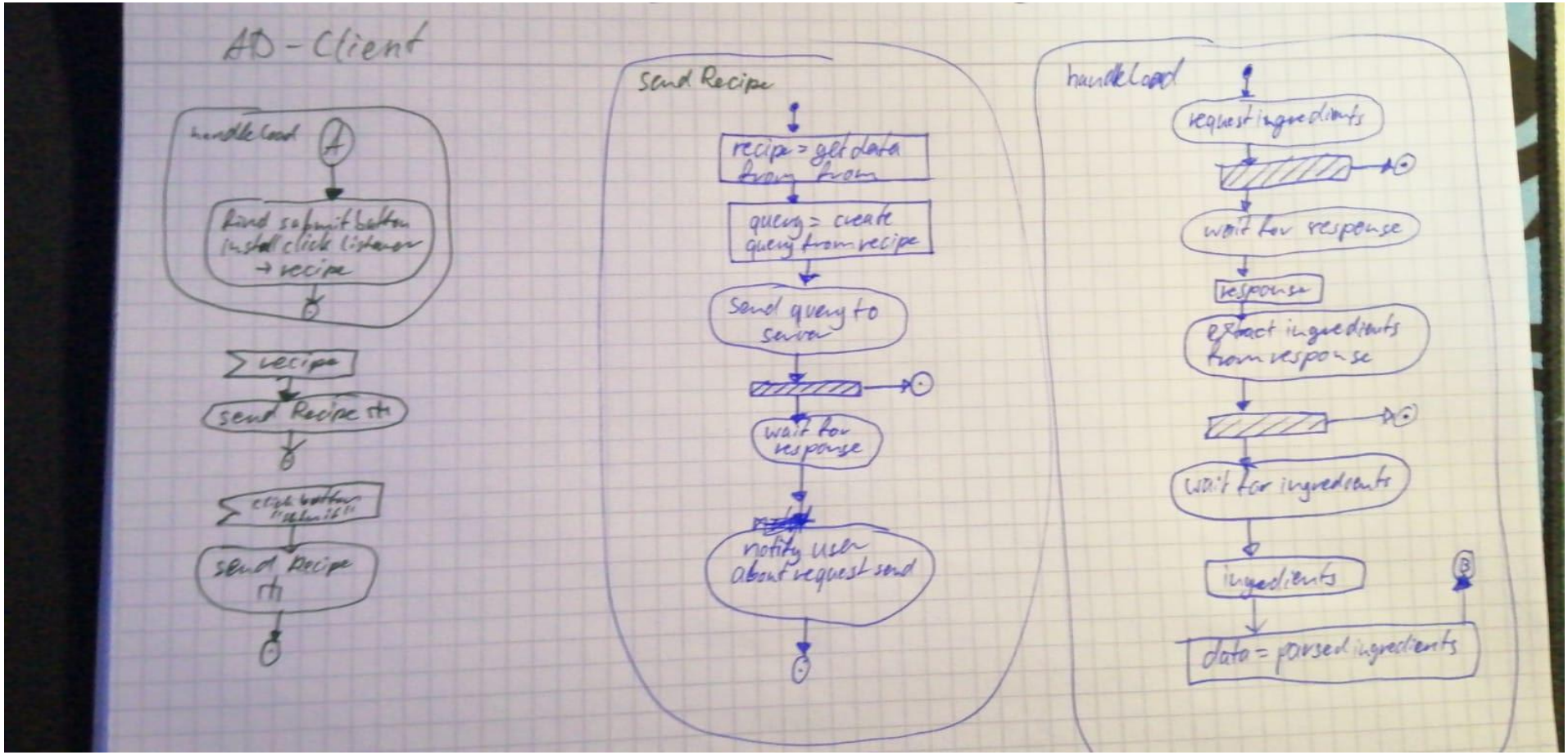
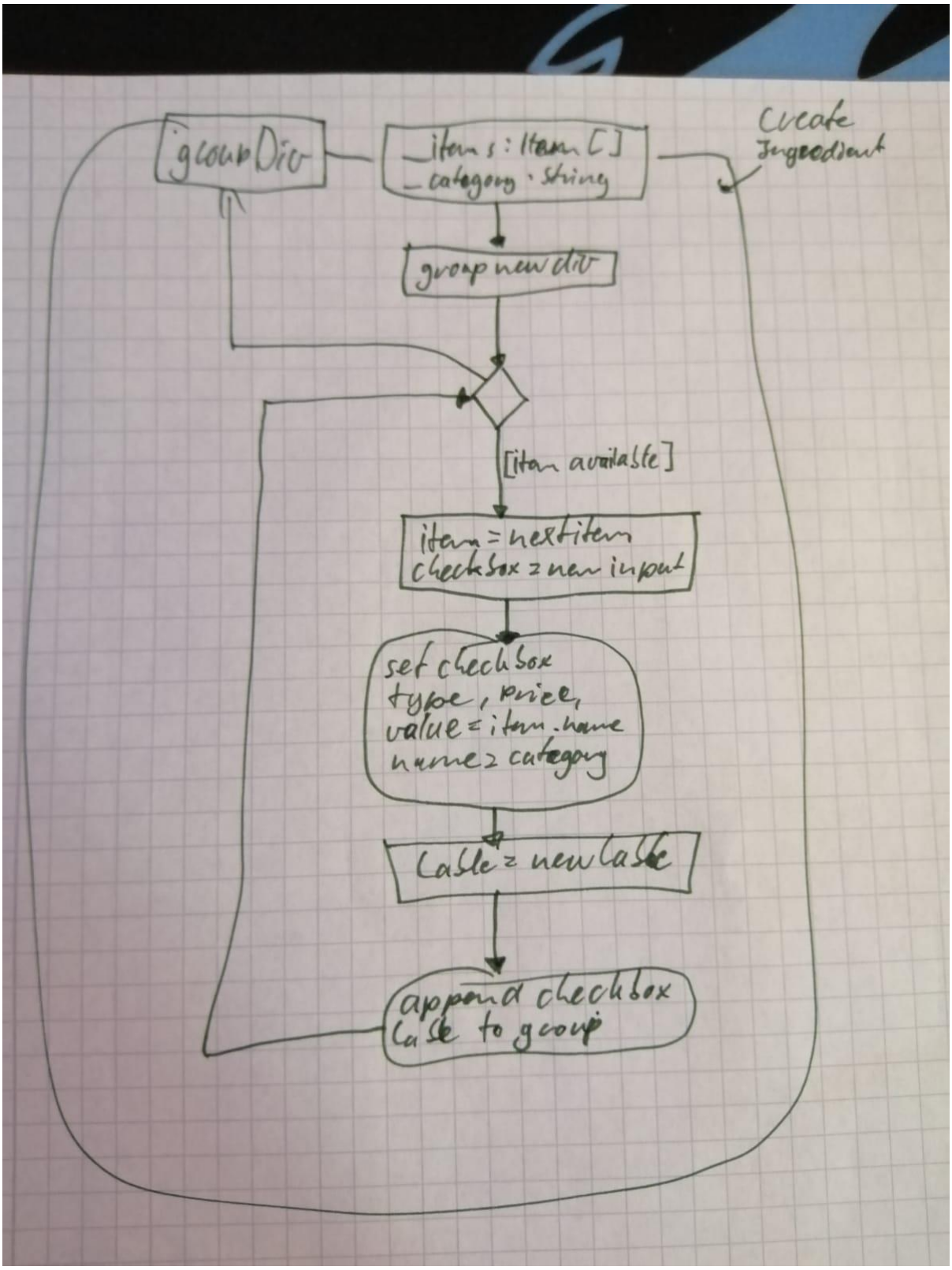
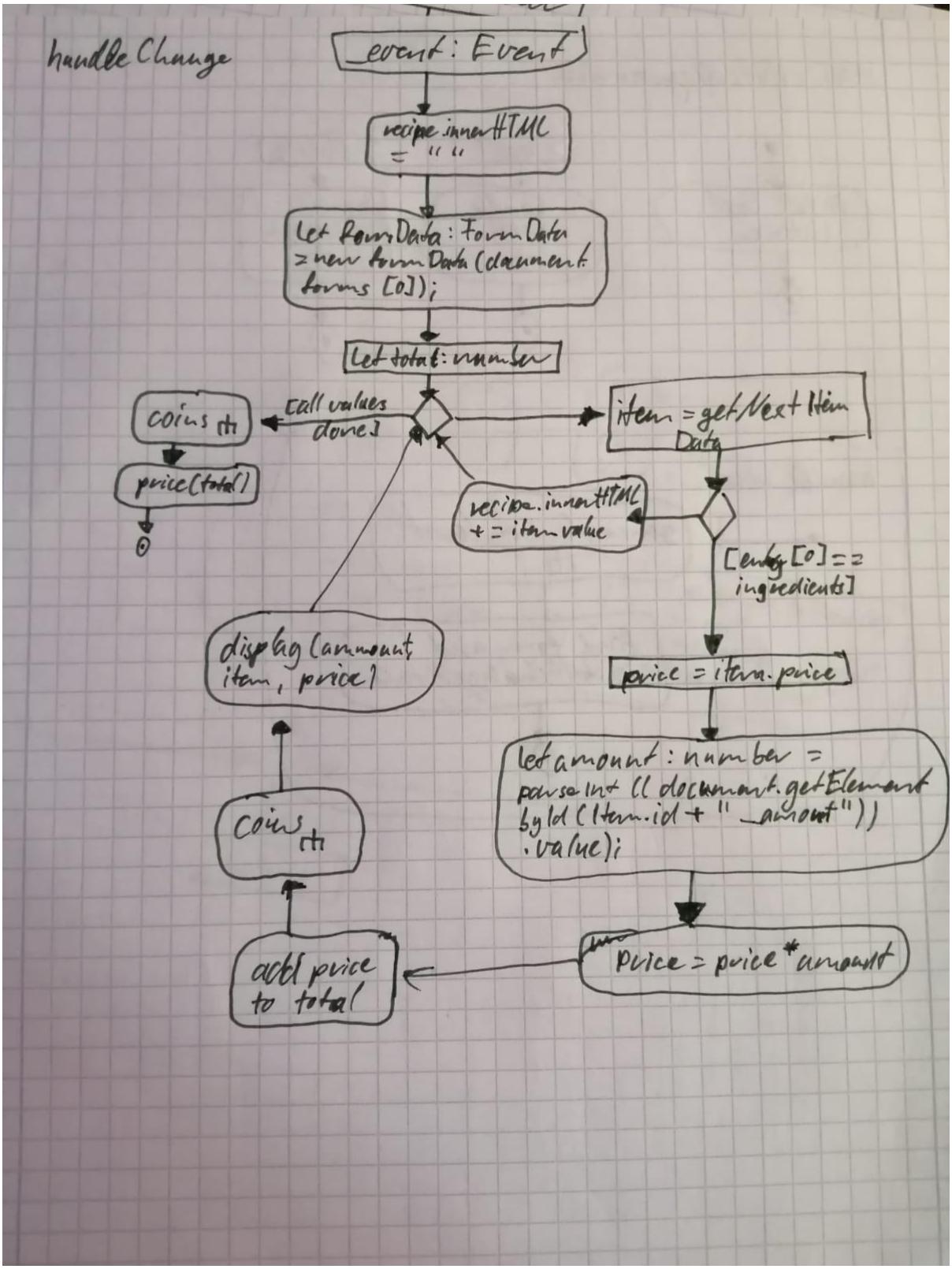
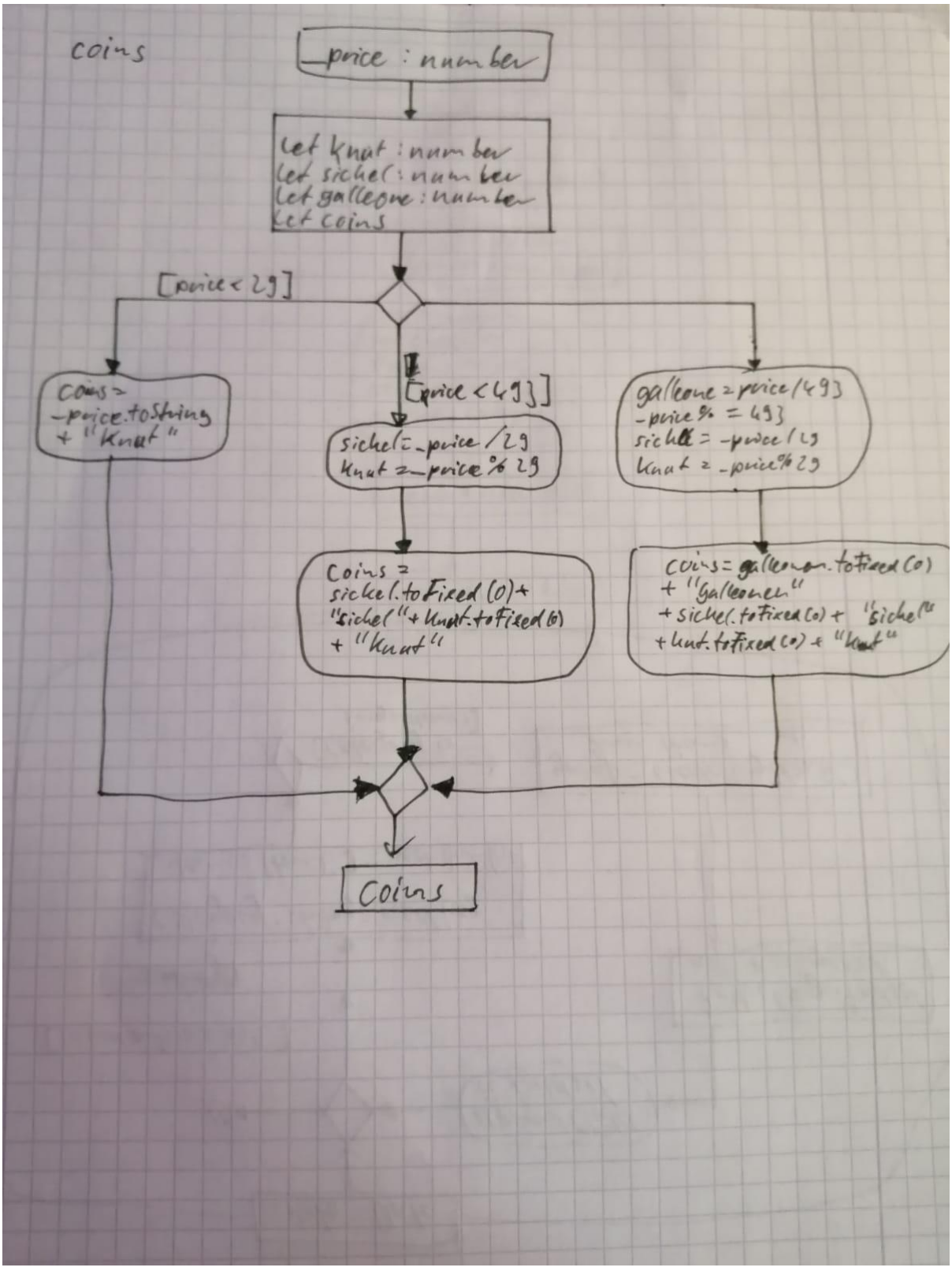

Client
Server
User
Start
create name description
select extras...
check recipe
receive note/confirmation
send recipe
Response
Request
send note/confirmation
receive recipe
change ingredients
change price
Snape

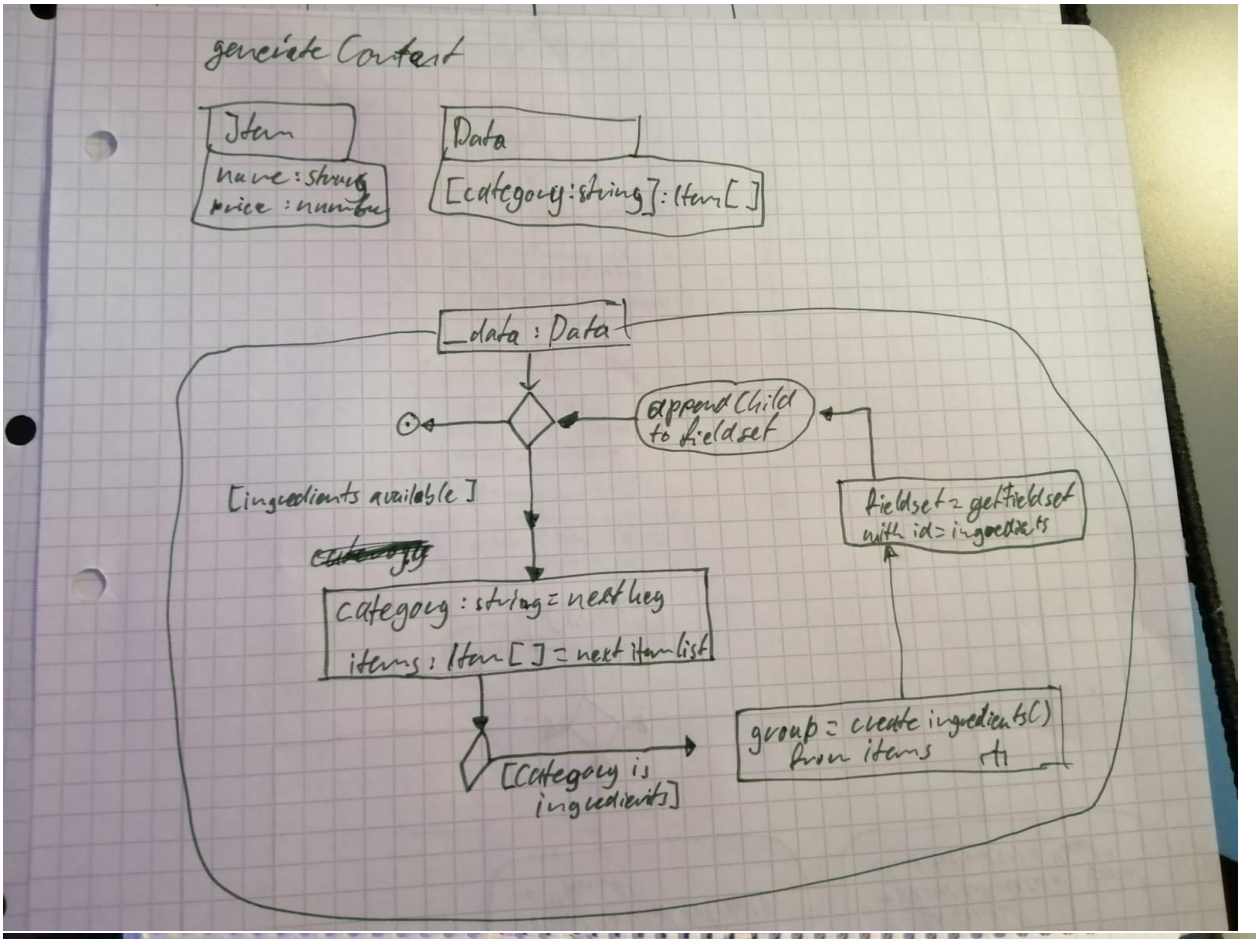

Aktivitätsdiagramm
install load listener
load
handle load
change
handle change
handle Load
generate content
find form and install change listener

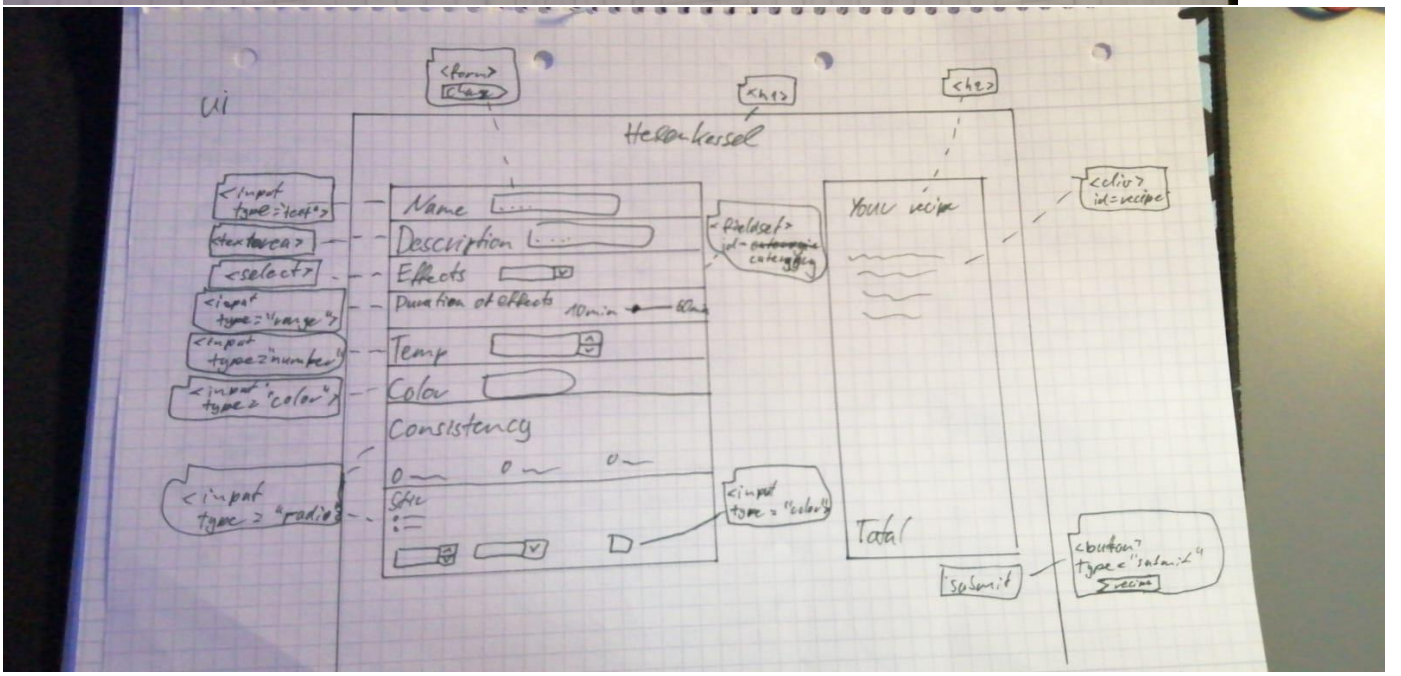

AD - Client
handleLoad
A
find submit button install click listener → recipe
recipe
send Recipe
click button "submit"
send Recipe
Send Recipe
recipe = get data from from
query = create query from recipe
Send query to server
wait for response
notify user about request send
handleLoad
request ingredients
wait for response
response
extract ingredients from response
wait for ingredients
ingredients
B
data = parsed ingredients


groupDiv
_items : Item[]
_category : String
create Ingredient
group.newDiv
[item available]
item = nextItem
checkbox = new input
set checkbox type, price, value = item.name name = category
label = new label
append checkbox label to group


handleChange
_event: Event
recipe.innerHTML = " "
let formData: FormData = new formData(document.forms[0]);
let total: number
[all values done]
coins
price(total)
item = getNextItemData
recipe.innerHTML += item.value
[entry[0] == ingredients]
price = item.price
let amount: number = parseInt((document.getElementById(Item.id + "_amount")).value);
price = price * amount
add price to total
coins
display(amount, item, price)


coins
_price : number
let knut : number
let sickel : number
let galleone : number
let coins
[price < 29]
[price < 493]
coins = _price.toString + "knut"
sickel = _price / 29
knut = _price % 29
galleone = price / 493
_price % = 493
sickel = _price / 29
knut = _price % 29
coins = sickel.toFixed(0) + "sickel" + knut.toFixed(0) + "knut"
coins = galleonen.toFixed(0) + "galleonen" + sickel.toFixed(0) + "sickel" + knut.toFixed(0) + "knut"
coins


generate Content
Item
name : string
price : number
Data
[category:string]: Item[]
_data : Data
appendChild to fieldset
[ingredients available]
fieldset = getFieldset with id=ingredients
category : string = next key
items : Item[] = next itemlist
group = create ingredients() from items
[category is ingredients]


UI
<form>
<h1>
<h2>
Name
Description
Effects
Duration of effects
Temp
Color
Consistency
Your recipe
Total
submit