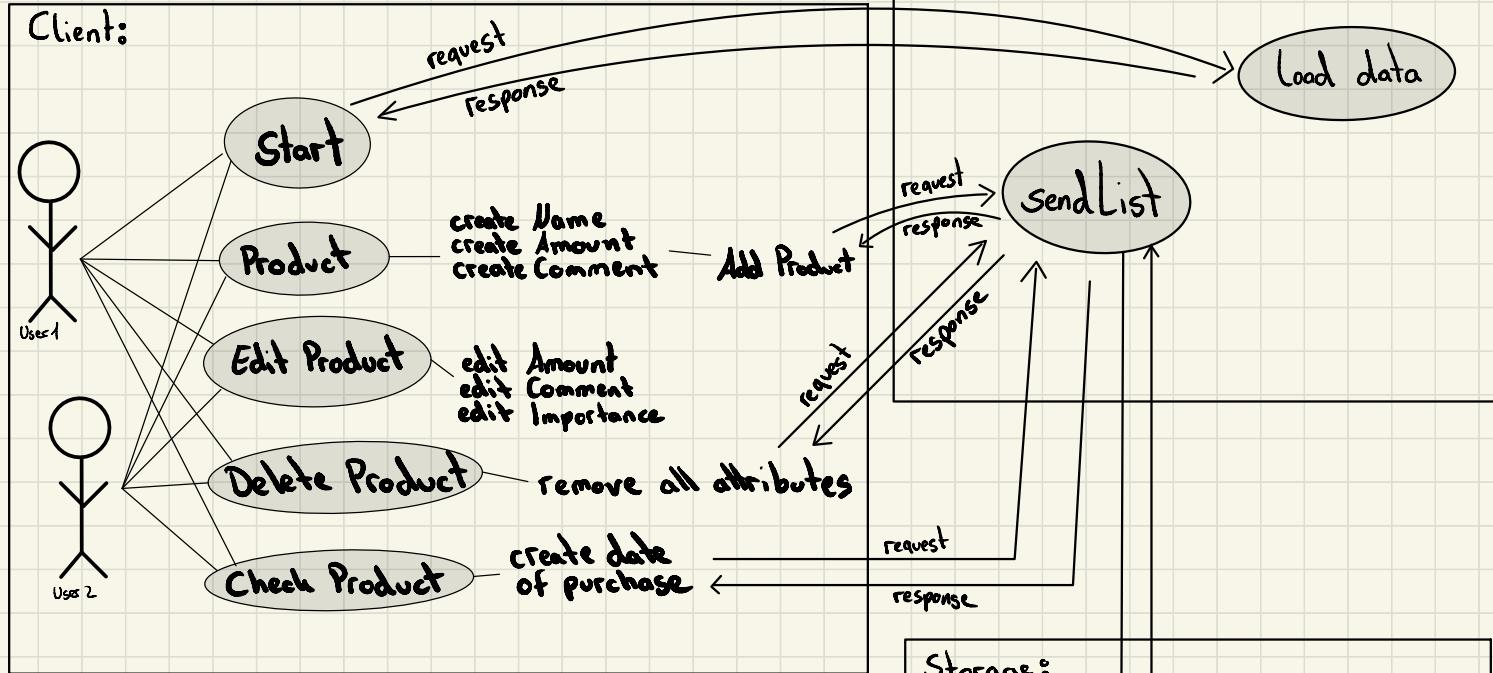


Use-case Diagramm:



User Interface

Einkaufsliste

Produkt	Anzahl	Kommentar	Hinzufügen
<input checked="" type="checkbox"/> Kellogs Smacks	1	01.10.2022 XXL Packung	 
<input type="checkbox"/> Fruchtzwerge	2	15.10.2022 Packung	 

```
<div>  
id = addToList
```

```
<input>  
type = text  
class = boxInput  
placeholder = "Produkt"
```

```
<input>  
type = number  
class = boxInput  
placeholder = "Anzahl"
```

```
<div>  
id = item0  
class = buy
```

```
<div>  
id = item1  
class = buyNext
```

```
<input>  
type = checkbox  
id = check0  
> click
```

```
<h1>
```

```
<input>  
type = text  
class = boxInput  
placeholder = "Kommentar"
```

```
<button>  
id = add  
class = boxInput  
> click
```

```
<i>  
id = trash0  
> click  
class = fas fa-trash
```

```
<i>  
id = edit0  
> click  
class = fas fa-pen
```

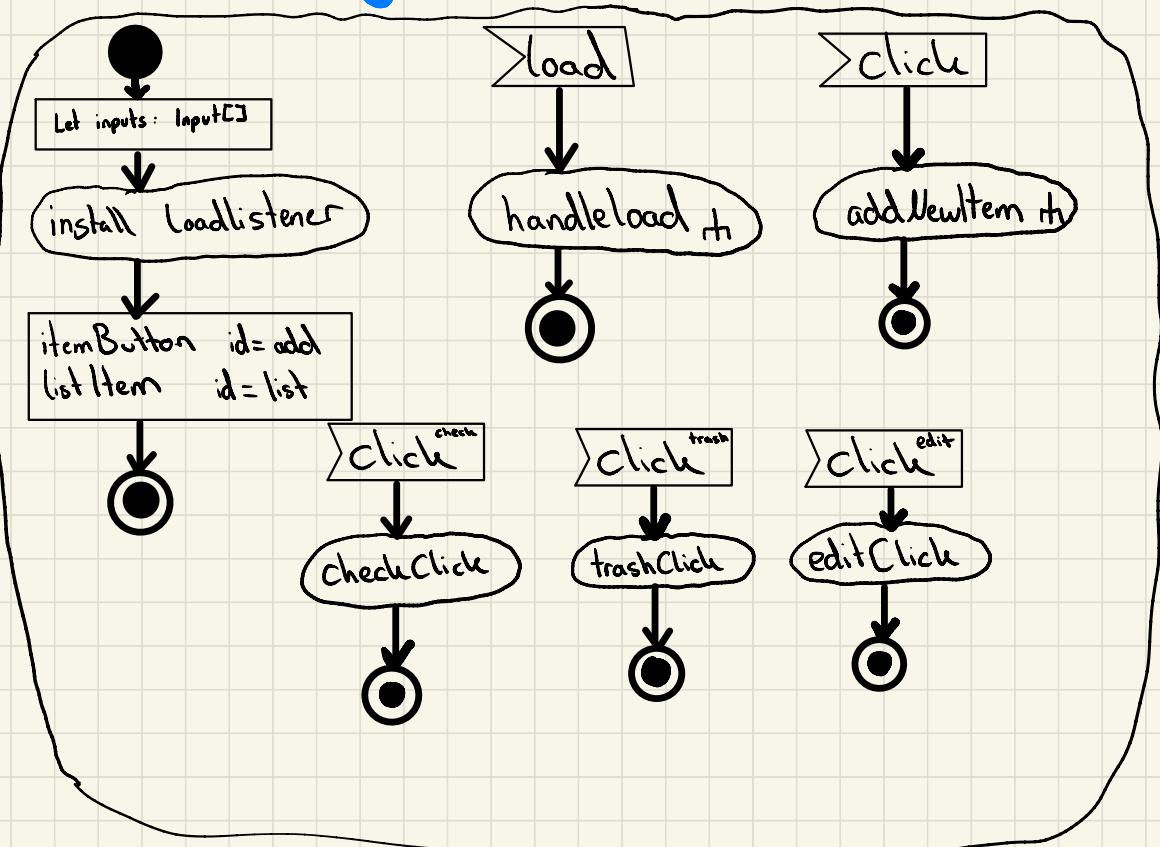
```
<p>  
class = product
```

```
<p>  
class = amount
```

```
<p>  
class = date
```

```
<p>  
class = comment
```

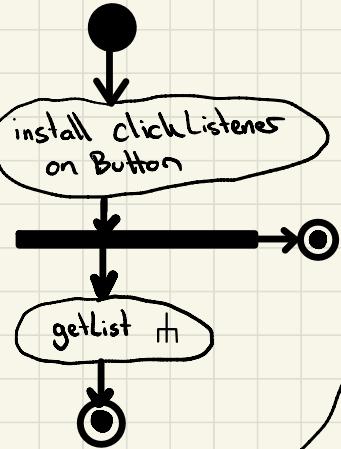
Aktivitätsdiagramm



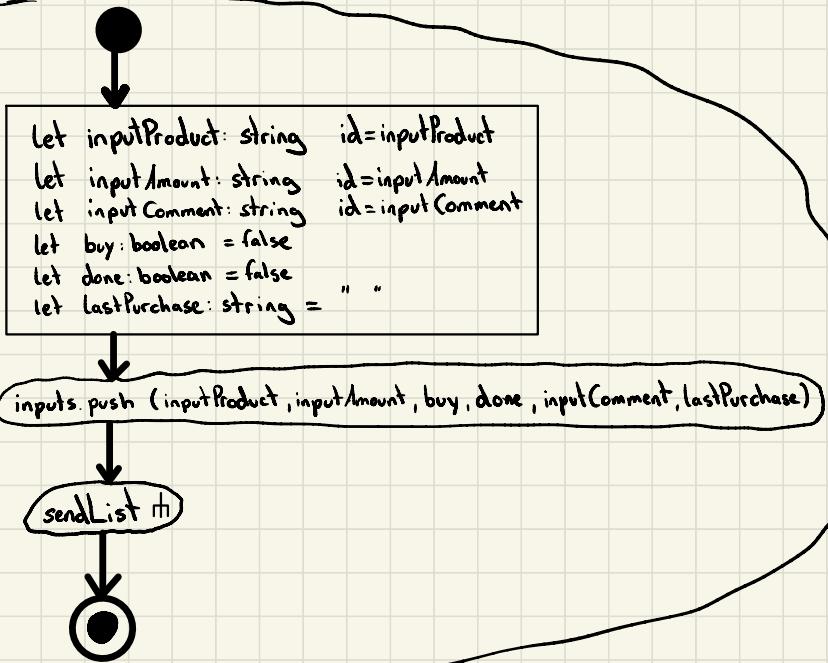
interface Input

```
inputProduct: string;  
inputAmount: number;  
buy: boolean;  
done: boolean;  
inputComment: string;  
lastPurchase: string;
```

handleLoad



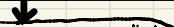
addNewItem



writeItems



```
let list = Div with id=list
```



```
list.innerHTML = ""
```



```
let index: number = 0
```



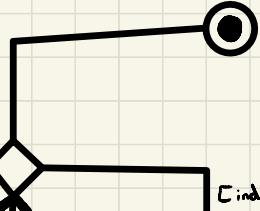
```
[index < inputs.length]
```

```
create div with id = index  
class = buy
```

```
create checkbox with id = checkbox + index  
create p with id = item + index  
create button with id = trash + index  
class = fas fa-trash  
create button with id = edit + index  
class = fas fa-pen
```

```
listItem.appendChild (newDiv)
```

```
newDiv.appendChild (checkbox, p,  
button, button)
```



```
[index < inputs.length]
```

```
let item = document (#item + index)  
let checkBox = document (#checkbox + index)  
let trashButton = document (#trash + index)  
let editButton = document (#edit + index)
```

```
item.innerHTML = inputs[index].inputProduct + " " +  
inputs[index].inputAmount + " " +  
inputs[index].inputComment + " " +  
inputs[index].lastPurchase
```

```
install click listeners on  
checkbox, trash- and editButton
```

trashClick

_event: MouseEvent

```
let id = target of _event
let newId: number = cutID(id, 5)
```

inputs.splice(newId, 1)

sendList ()

cutID

_id: string, _length: number

```
let newId: string = _id.slice(_length)
```

```
return parseInt(newId)
```

check Click

_event: MouseEvent

```
let id: string = (_event.target).id
let newId: number = cutID(id, 8)
let date: Date = new Date()
let day: number = date.getDate()
let month: number = (new Date().getMonth() + 1)
let year: number = date.getFullYear()
```

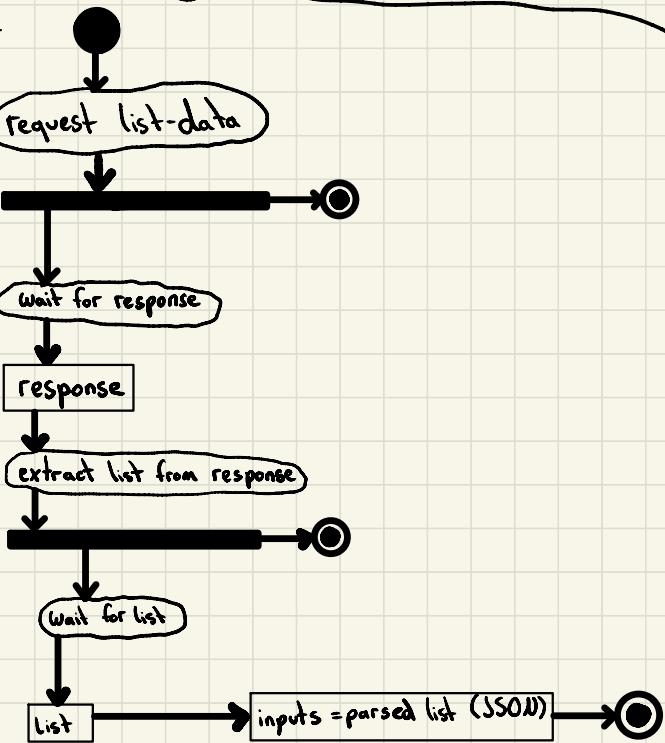
inputs[newId].lastPurchase = day + " " + month + " " + year

sendList ()

edit Click



getList



SendList



```
(let sendInputs: string  
= JSON.stringify(inputs))
```

```
query = create query  
from sendInputs
```

send query to server



Wait for response

notify user about
request send

