Use Case

System

start

--> animals sing

--> animals eat

User

UI

FARM

`<h1>`

`<img>`
.backgrand
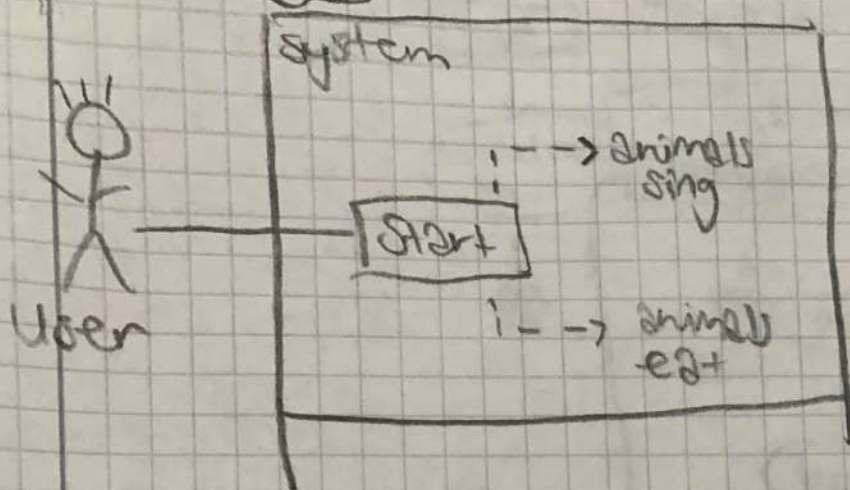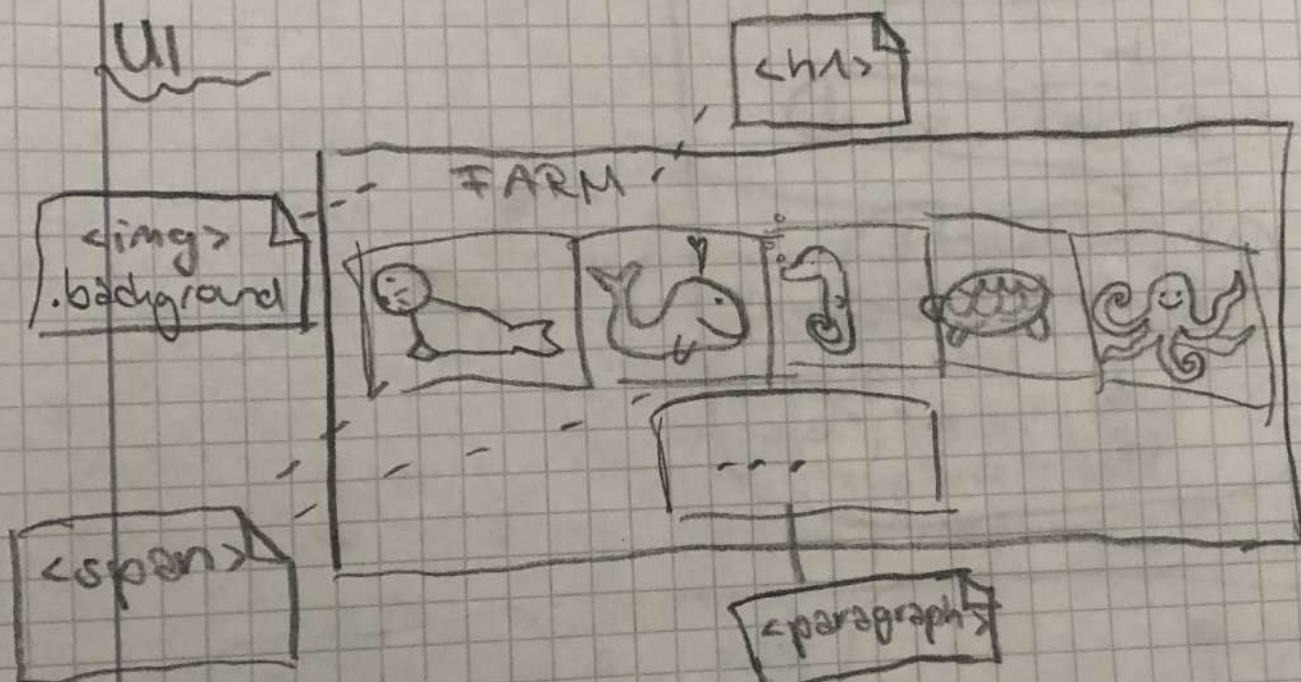
`<span>`

`<paragraph>`

Klassendiagramm Animal

Functions:

type: string

food: string

sound: string

foodsmant: number

- constructor(_type i- food ;_sound;
-food amount): void

- sing()

- eat()

Activity Diagramm

Constructor | _type; _food; _sound; _foodsamant

↓

(this.type = _type)

↓

(this.food = _food)

↓

(this.sound = _sound)

↓

(this.foodsmount = _foodsmant)

↓

◉

Sing

●

↓

[create HTML paragraph]

↓

(inner.HTML = lyrics + this.type + this.food sound)

↓

◉

---

eat

●

↓

(innerHTML = number - this.amount food)

↓

[create Paragraph "schmatz"]

↓

◉

```
●                    Σload                   ⋈
↓                      ↓                      ↓
┌─────────────────┐  ╭──────────╮         ╭──────────╮
│ seal : animal   │  │ handleload│         │  eat2rh  │
│ whale : animal  │  │    rh    │          ╰──────────╯
│ seahorse: animal│  ╰──────────╯              ↓
│ turtle: animal  │      ↓                     ◉
│ octopus: animal │      ◉
└─────────────────┘
       ↓
  ╭──────────────╮
  │ load listener│
  ╰──────────────╯
       ↓
       ◉
```

```
handleload
                    ●
                    ↓
  ┌────────────────────────────────────────────────────────┐
  │ seal= new Animal ("seal"; "pizza"; "ayay"; 383)         │
  │ whale= new Animal ("whale"; "falafel"; "jipjip"; 464)   │
  │ seahorse= new Animal ("seahorse"; "miniburger"; "yeaaa"; 777) │
  │ turtle= new Animal ("turtle"; "nachos"; "sup Dude"; 888)│
  │ octopus= new Animal ("octopus"; "pommes"; "woop woop"; 555) │
  └────────────────────────────────────────────────────────┘
                    ↓
               ╭─────────╮
               │ sing2rh │
               ╰─────────╯
                    ↓
                    ◉
```

```
sing 2  ●                    eat2  ●
        ↓                          ↓
  ┌──────────────┐          ┌──────────────┐
  │ seal.sing()  │          │ seal.eat()   │
  │ whale.sing() │          │ whale.eat()  │
  │ seahorse.sing()│        │ seahorse.eat()│
  │ turtle.sing()│          │ turtle.eat() │
  │ octopus.sing()│         │ octopus.eat()│
  └──────────────┘          └──────────────┘
        ↓                          ↓
        ◉                          ◉
```