

Web 4 Project-Analyse

Planeten webshop

Voor het concept van ons web 4 project richten we ons op de Elon Musks van de wereld. Als miljardair wil je natuurlijk graag nog meer land bezitten en waar beter dan in de ruimte!

Ons cliëntèle wil graag planeten kunnen aankopen via een webshop op hun account. Ook willen zij een overzicht kunnen zien van hun aangekochte planeten en deze planeten hernoemen. Als de klant een planeet helemaal heeft opgebruikt kan hij deze verkopen. De planeet-admin wil graag nieuwe planeten kunnen toevoegen en verwijderen. Ook wil de admin de naam van een planeet kunnen veranderen. Als niet-miljardair (niet ingelogd) kan je de webshop nog steeds zien maar geen planeten kopen, gekochte planeten zijn niet zichtbaar voor het gewone volk.

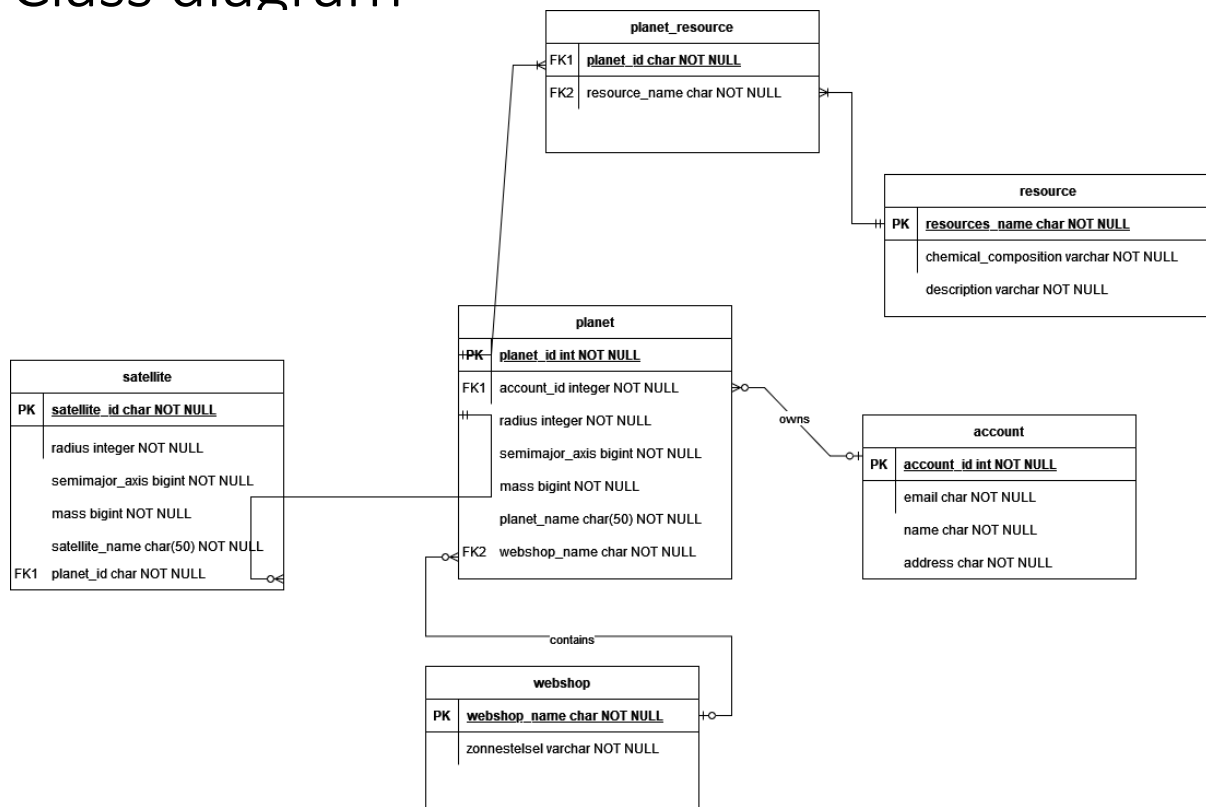
Voor nu nemen we aan dat planeten die worden toegevoegd door de admin zich bevinden in ons zonnestelsel met als ster onze zon.

Miro Link

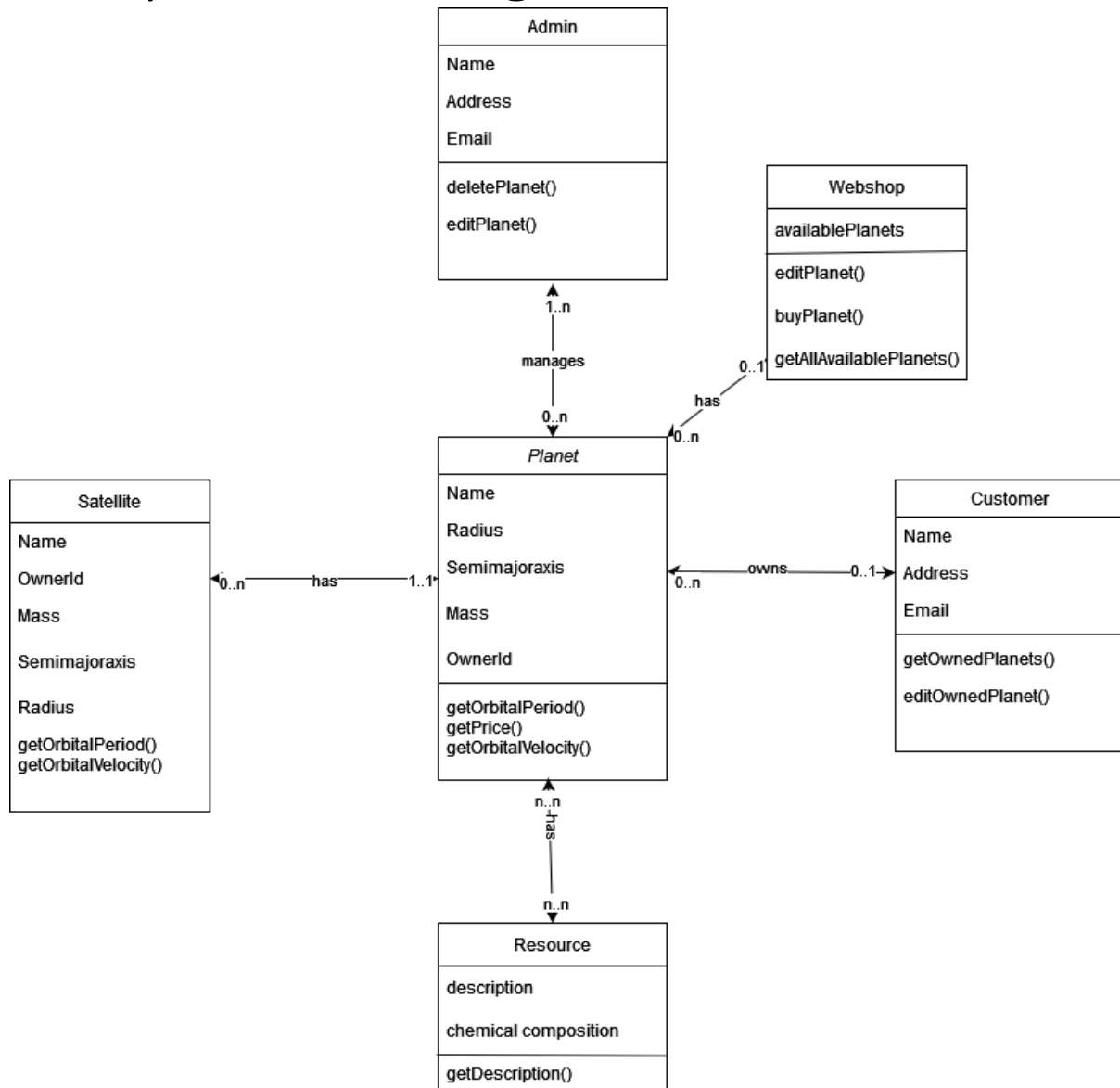
https://miro.com/app/board/uXjVPtGfI9M=



Class diagram



Entity Relation Diagram



Story Register account

As a user

I'm able to register an account

So that I can access more of the site

home	register	overview
<div>Create account</div> <div>Name <input type="text"/></div> <div>E-mail <input type="text"/></div> <div>Password <input type="password"/></div> <div><input type="submit" value="submit"/></div>		

Wireframe

Acceptance criteria

- A form to create the account
- If there are errors in one of the fields, the corresponding err or message is shown

Story Overview of available planets to purchase

As a user

I'm able to get a list of all the planets that are available to purchase

So that I can see which planets there are

Wireframe

home	register	overview		
available planets				
planet name	mass (10 ²⁴ kg)	radius	price	buy
Neptune	102	24622	94 T	<input type="checkbox"/>
Triton	94	1353.40		
Venus	4.87	6051.8	56 T	<input type="checkbox"/>
Pluto	0.0130	1188.3	15 T	<input type="checkbox"/>

Acceptance criteria

- A list of all the available planets is shown with all their information
- If you click on the planet it shows the satellites it has
- When there are no available planets, display "there are no planets for sale at this time"

Story buy planet

As a logged in user

I'm able to see a list of planets that are available to buy

So that I can buy the planet I want

Wireframe

home	overview available planets	overview owned planets
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available planets

planet name	mass (10 ²⁴ kg)	radius	price	buy
Neptune	102	24622	94 T	<input type="text"/>
Venus	4.87	6051.8	56 T	<input type="text"/>
Pluto	0.0130	1188.3	15 T	<input type="text"/>

home	overview available planets	overview owned planets
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card number

Acceptance criteria

- the user gets an overview of the available planets to buy
- if the user clicks on the buy button, they get redirected to the page to enter their bank credentials

Story overview owned planets

As a logged in user

I'm able to get a list of all the planets I own

So that I can see which planets I currently own

Wireframe

home	overview available planets	overview owned planets		
owned planets				
planet name	mass (10 ²⁴ kg)	radius	edit name	sell
Neptune	102	24622	<input type="text"/>	<input type="text"/>
Venus	4.87	6051.8	<input type="text"/>	<input type="text"/>
Pluto	0.0130	1188.3	<input type="text"/>	<input type="text"/>

Acceptance criteria

- the user gets an overview of all the planets they own
- if they don't own any planets, display "you currently own no planets"

Story edit planet name

As a logged in user

I'm able to see the planets I own

So that I can edit their names

Wireframe

home	overview available planets	overview owned planets
<div>change planet name</div> <div></div> <div>submit</div>		

Acceptance criteria

- if the user changes the name and submits it, the name of the planet should be changed
- if the field is left blank or if there are invalid characters, display "the name you entered is invalid"

Story sell planet

As a logged in user

I'm able to see the planets I won

So that I can sell them

Wireframe

home	overview available planets	overview owned planets
<p>are you sure you want to sell this planet</p> <p><input type="button" value="yes"/> <input type="button" value="no"/></p>		

Acceptance criteria

- the user gets a confirmation page before they sell their planet
- The user is able to sell their planet

Story add planet

As an admin

I'm able to get a form to add a planet

So that I can add the planet

Wireframe

home	overview users	overview planets	add planet
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name

mass

radius

Acceptance criteria

- The admin can add a planet to the database
- If there are errors in one of the fields, display the corresponding error message

Story overview planets

As an admin

I'm able to get a list of all the planets

So that I can see all the available planets and the sold planets

Wireframe

home	overview users	overview planets	add planet		
planets					
planet name	mass (10^24 kg)	radius	owner	edit	delete
Neptune	102	24622	Elon musk	<input type="text"/>	<input type="text"/>
Venus	4.87	6051.8	jeff bezos	<input type="text"/>	<input type="text"/>
Pluto	0.0130	1188.3	/	<input type="text"/>	<input type="text"/>

Acceptance criteria

- a list with all the planets and their information is shown

Story overview users

As an admin

I'm able to get a list of users

So that I can see all the users registered on the site

Wireframe

home	overview users	overview planets	add planet
users			
name	e-mail	address	
jeff bezos	jeff.bezos@gmail.com	america	
elon musk	elon.musk@gmail.com	america	

Acceptance criteria

- a list of all the users is shown

Story delete planet

As an admin

I'm able to click the button in the overview to delete a planet

So that I can delete it from the database

Wireframe

home	overview users	overview planets	add planet
<p>are you sure you want to delete this planet?</p> <p><input type="button" value="yes"/> <input type="button" value="no"/></p>			

Acceptance criteria

- the admin gets a confirmation page before deleting a planet
- the admin is able to delete planets

Story add satellites to planet

As an admin I want to be able to add satellites to planets

I'm able to get a form to enter the info

So that I can add the satellite to the planet

Wireframe

home	overview users	overview planets	add planet	add satellite
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planet

satellite name

mass

radius

submit

Acceptance criteria

- the admin can add the satellite to the database
- If there are errors in one of the fields, display the corresponding error message

Story delete satellites of planet

As an admin

I want to be able to delete a satellite from a planet

So that I can delete it from the database

Wireframe

home	overview users	overview planets	add planet	add satellite
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planet name	mass (10 ²⁴ kg)	radius	owner	edit	delete
Neptune	102	24622	Elon musk	<input type="text"/>	<input type="text"/>
Triton	94	1353.40		<input type="text"/>	<input type="text"/>
Venus	4.87	6051.8	jeff bezos	<input type="text"/>	<input type="text"/>
Pluto	0.0130	1188.3	/	<input type="text"/>	<input type="text"/>

home	overview users	overview planets	add planet	add satellite
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are you sure you want to delete this satellite?

Acceptance criteria

- the admin gets a confirmation page before deleting a satellite
- the admin is able to delete satellites