NOVA NOVA SCHOOL OF SCIENCE & TECHNOLOGY

Interação Pessoa-Máquina

2022/2023

Zoo Virtual Trip - Lisbon's Zoo Edition

Stage 3: First Prototype

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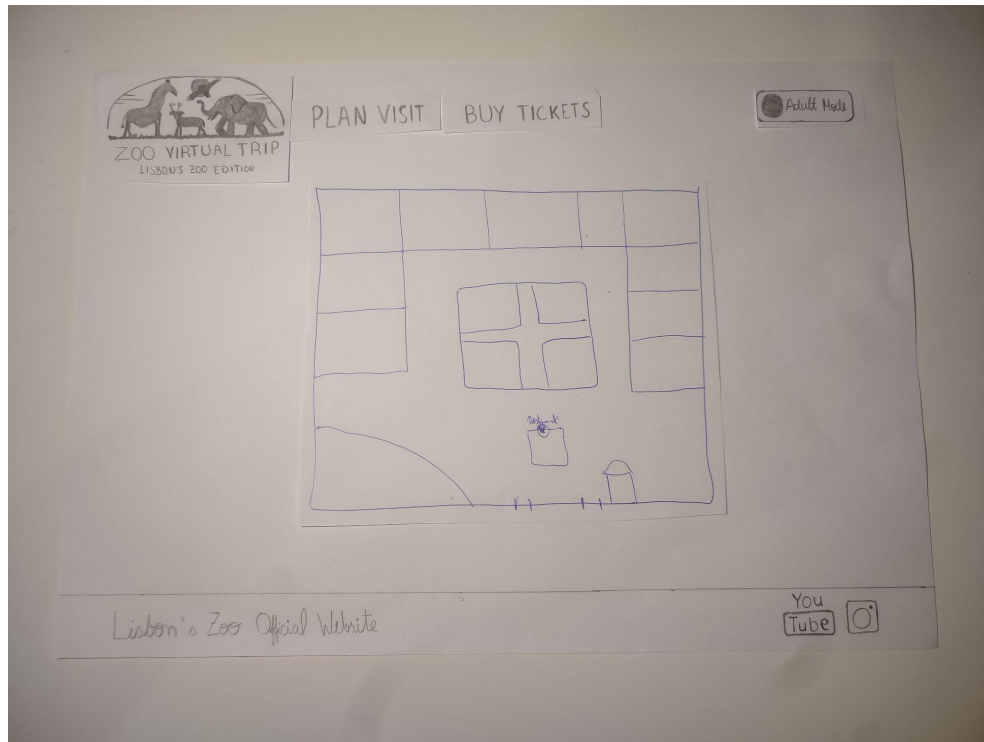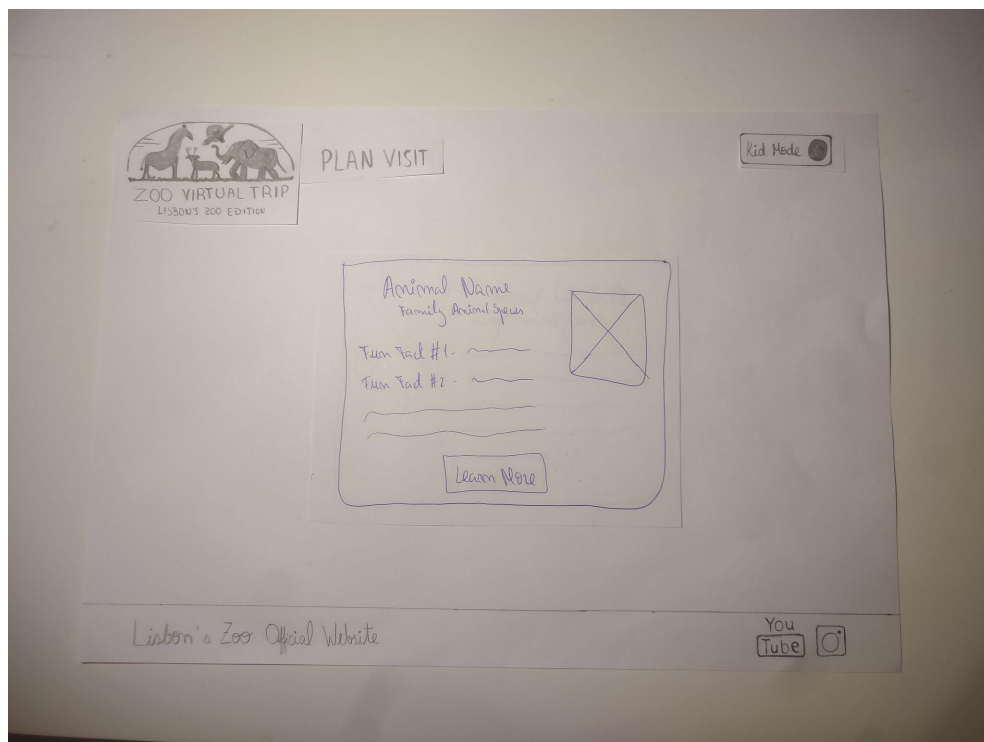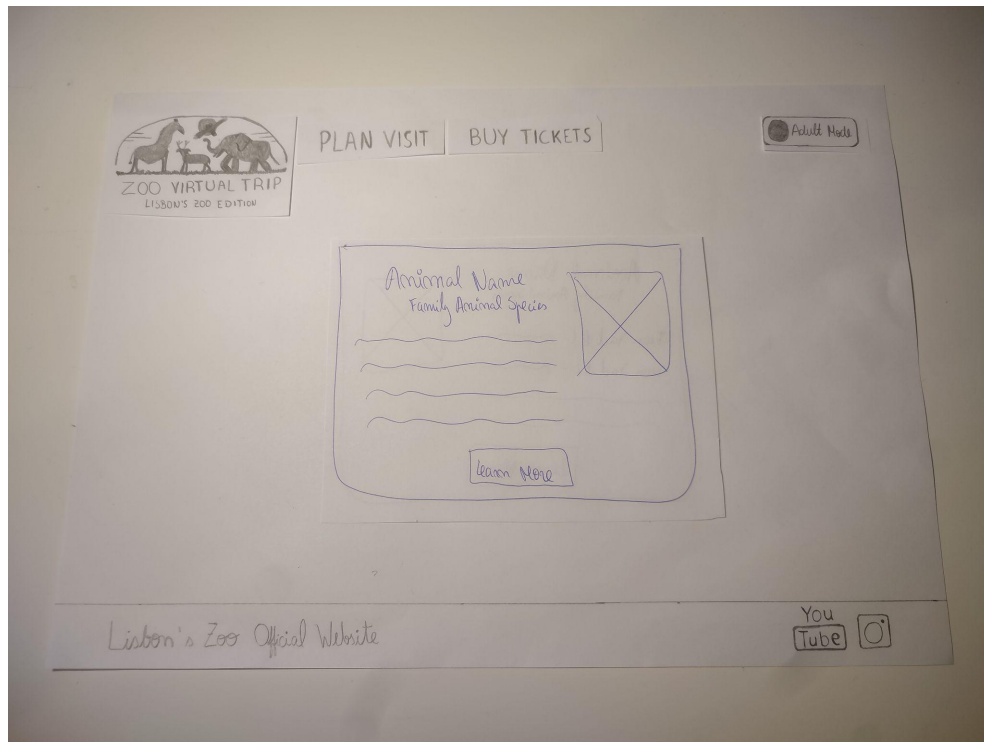57415, João Nuno Santos
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Lab class Nº P1

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Prototype Photos

Storyboards and Link

Marvel Link: https://marvelapp.com/prototype/e3e990g/screen/88976500

1. Home page for adults, with the possibility of organising a trip, explore some information about the animals in the zoo and buy tickets.

2. Home page for adults, with the possibility of organising a trip, explore some information about the animals in the zoo and buy tickets.

Zebra-de-grevy

É a maior das 3 espécies de Zebra conhecidas. Apresenta um padrão típico de pelagem branca com riscas negras estreitas e zona ventral branca. A lista preta longitudinal ao longo do corpo permite distinguir esta espécie de Zebra. As orelhas são grandes e de cor branca na ponta. Contrariamente a outras zebras, esta espécie não estabelece grupos familiares duradouros. Vive em manadas com uma estrutura social organizada, mas os grupos estão em constante alteração. Em grupos mistos, o macho dominante é o único a acasalar. Em épocas de seca as manadas migram em conjunto.
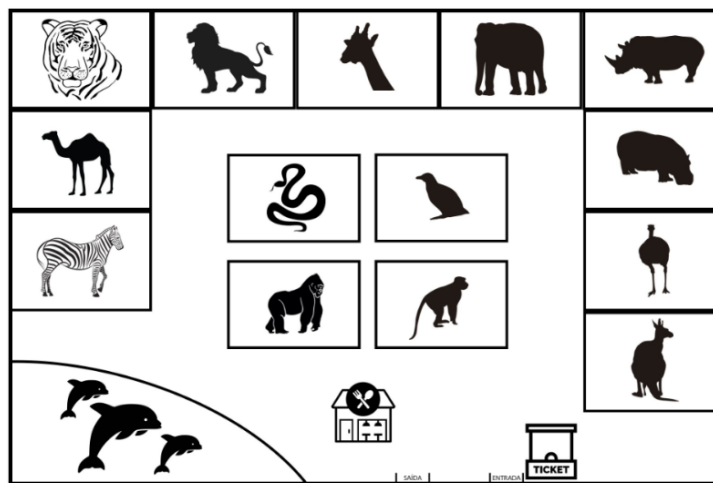
Descobre Mais

Organizar Visita | Comprar Bilhetes

Website Oficial Jardim Zoológico de Lisboa

3. After clicking on an animal, a popup appears with its information. For adults, this information is more scientific.

Organizar Visita

Adulto Criança

Zebra-de-grevy

1 - As zebras não são cavalos listrados. Apesar de parecerem, as zebras pertencem a três espécies diferentes que se incluem no mesmo gênero das espécies de cavalos, entretanto evoluíram separadamente.
2 - As zebras são brancas com listras pretas. A maior parte da pelagem da zebra é branca e possui listras pretas e marrons, entretanto a pele abaixo da pelagem é negra.
3 - Zebras correm em zigue-zague. Quando são perseguidas por predadores, tais como os leões, as zebras costumam usar a técnica de correr em zigue-zague pois assim despistam a maioria dos predadores e conseguem fugir.

Descobre Mais

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4. While when a child clicks on an animal, the information appears in an easier way for them to understand.

ZOO VIRTUAL TRIP
LISBON'S ZOO EDITION

Organizar Visita | **Comprar Bilhetes**

	PREÇO		
● CRIANÇA (3 - 12 ANOS)	~~16,50€~~	15,68€	− 0 +
● ADULTO (13 - 64 ANOS)	~~26,50€~~	25,18€	− 0 +
● SÉNIOR (+65 ANOS)	~~19,00€~~	18,05€	− 0 +

VOLTAR

CONTINUAR

Website Oficial Jardim Zoológico de Lisboa

5. If the user wants to buy tickets it will redirect to pages 5 to 8 that requests all the information necessary to purchase its order.

ZOO VIRTUAL TRIP
LISBON'S ZOO EDITION

Organizar Visita | **Comprar Bilhetes**

Confirma a tua compra

Atendimento: 18763205
JARDIM ZOOLÓGICO

ADULTO (13 - 64 ANOS)	25,18 €
ADULTO (13 - 64 ANOS)	25,18 €
CRIANÇA (3 - 12 ANOS)	15,68 €

CANCELAR

FINALIZAR

Website Oficial Jardim Zoológico de Lisboa

6. Confirm order

7. User informations

8. Payment information

9. The user can then decide if i'd like to print the tickets or have them send to his email.

10. The user can also plan a trip to the zoo. This functionality is meant to allow the users to plan ahead a visit to Lisbon's Zoo, in order for them to not lose time when they arrive there. It is possible to choose which animal he'd like to visit by the animals available (on a list) or by clicking on each animal in the map.
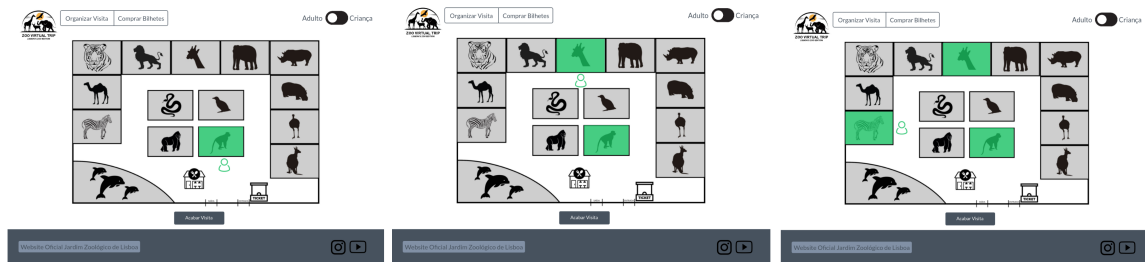
11. The user can then click on each animal he wants to visit and it will provide a planned trip for him.
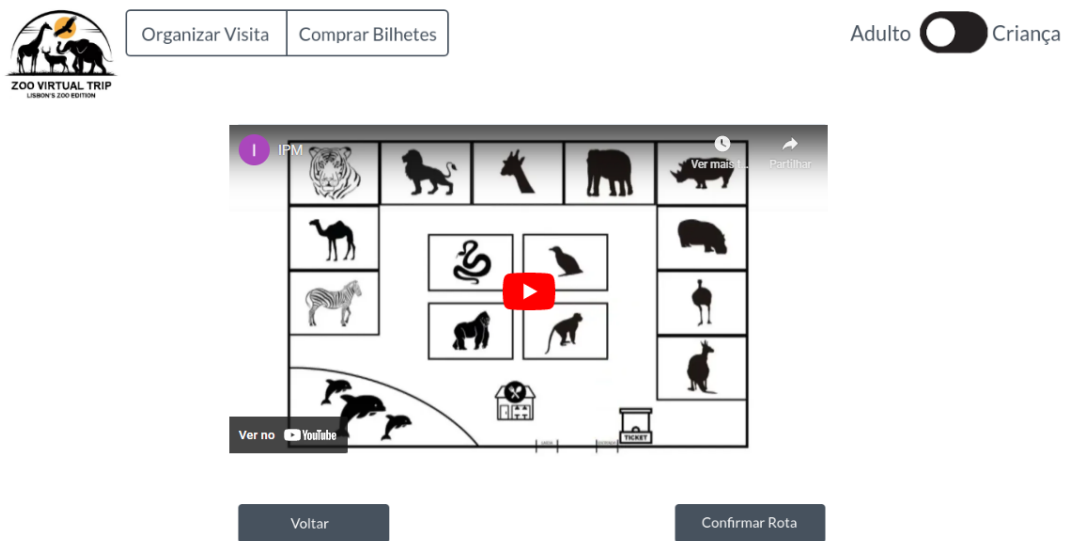
12. Lastly the user gets a final trip view that he can later print.

User Briefing

We're improving the current user experience of the Lisbon Zoo's website. We are adding the functionality to allow users to plan their trips to the Zoo and also improving how the information about the different animals is presented to the users.

Currently, the Lisbon Zoo's website includes some information about the different animals it houses, but it is presented in a messy and confusing way. It also doesn't offer any kind of functionality to plan your trip depending on the animals the user wants to see.

In addition to that, the information available is not easy for children to understand.

Our goal is to allow users to easily switch between a more detailed and specific version of the information when the main user is an adult, and a more kid-friendly and simplified version of the information when the main user is a child. All this in an interactive way with few redirects.

User Reviews and Comments

User/Scenario	Scenario 1	Scenario 2	Scenario 3
User 1	The user didn't present any problems. "It's simple and intuitive"	"The scenario description is confusing" The menu for selecting which type of planning I want is not clear	The user intuitively clicked on the different animal icons. The user liked the pop-up. "The type of user switch should be inside the pop-up"
User 2	The user didn't present any problems.	"The scenario description is confusing"	User completed the scenario successfully. Didn't understand that the switch could be clicked when the pop-up was open.
User 3	The user didn't present any problems.	"The buttons for selecting the type of planning should be clearer. They seem like they do the same thing."	Same comments as User 2
User 4	The user didn't present any problems. "Simple"	The user didn't understand the scenario.	The "Know More" button should open more information on our website and shouldn't redirect to another website.

Tasks

Task 1 "Open animal detail page"	**Objective:** Using our website, the user should be able to open the detail page about a certain animal **Pre-conditions:** The user should be in the website; The website should be fully loaded. **Sub-tasks:** - If the user clicks outside of an already open animal detail page or on the animal icon of the detail page, the detail page should close. **Exceptions:** If the user misses the animal icon, the website should do nothing.
Task 2 "Change user type"	**Objective:** Using the website's user type toggle button should switch the user type from adult to child or child to adult. **Pre-conditions:** The user should be in the website; The website should be fully loaded. **Sub-tasks:** - The user should toggle the switch between the two user types. - The website should render the appropriate information according to the user type. **Exceptions:** If the user misses the toggle button, the website should do nothing.
Task 3 "Buy tickets"	**Objective:** The user should be able to be redirected to the zoo's official ticket vendor **Pre-conditions:** The user should be in the website; The website should be fully loaded. **Sub-tasks:** - The user goes to the Buy Tickets page. - The user selects the desired quantity of tickets - The website updates the total price with discounts - The user should review his order - The user should fill in some personal information - The user, confirming his order, checks-out - The website gets confirmation of the user's payment - The website, after confirming the order, should send the user his tickets. **Exceptions:** If the user misses the "Buy Tickets" button, the website should do nothing.
Task 4 "Click on third-party page link for more information"	**Objective:** The website's user, after opening the animal detail page, will be able to click on a link that will redirect him to a third-party page (e.g. Wikipedia) **Pre-conditions:** The user should be in the website; The website should be fully loaded.

	Sub-tasks: - The user selects an arbitrary animal on the map. - The website renders the information about the animal. - The user should click "Learn more". - The website should redirect to the page with more information about the animal. **Exceptions:** If the user misses the link, the website should do nothing.
Task 5 "Redirect to Zoo's official website and Social Media"	**Objective:** After clicking the official page as well social media icons, the user will be redirected to these pages **Pre-conditions:** The user should be in the website; The website should be fully loaded. **Sub-tasks:** - The user should click on a relevant Social Media. - The website should redirect itself to said Social Media. **Exceptions:** If the user misses these buttons, the website should do nothing.
Task 6 "Planning the visit"	**Objective:** After clicking on the "Plan my Visit" button, a grey map's version will appear and then the user will click on the animals he plans to visit. **Pre-conditions:** The user should be in the website; The website should be fully loaded. **Sub-tasks:** - The user selects "Plan my Visit" - The website renders the target page. - The user should choose between a planner based on a list of animals or based on an interactive map. - On user confirmation, the website should request an optimal route given the pool of selected animals. - The website should render the optimal route which the user can Print. **Exceptions:** If the user misses these buttons, the website should do nothing.

Scenarios

Purpose: Buy tickets for a family of 3.

Individual: Miguel
Equipment: Computer, Credit card

Scenario:
  1. Miguel wants to buy tickets for a family of 3.
    1.1 Miguel is a 32 year old man.
    1.2 Susana is a 31 year old woman.
    1.3 Pedro is an 8 year old child.
  2. Miguel fills in his information.
  3. Miguel wants to pay with a Credit Card.
  4. Miguel wants to print his tickets but also wants a digital copy sent to his email.

Purpose: Planning a visit.

Individual: Miguel
Equipment: Computer

Scenario:
  1. Miguel, never having visited the Zoo, decides to plan his visit.
  2. In order to not waste too much of his wife's time, he wants an optimal route to visit the Monkey Exhibit, the Dancing Giraffes and the Rocky White Striped Zebra, and in a way that he knows where the animals are located.
  3. After confirming the optimal route, Miguel would prefer to have a physical copy so he doesn't make a fool of himself.

Purpose: Finding out more about Zebras.

Individual: Miguel and Pedro
Equipment: Computer

Scenario:
  1. Miguel really likes Zebras and wants to awe his son Pedro with some fun facts.
  2. After reading the very detailed information about the Rocky Zebra, Pedro yawns out of his mind.
  3. Miguel, taking notice of his son's boredom, decides to read Pedro more appropriate information.