**TOM**

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| Hello we are going to present to you our tutorial project  **\*clic\***  and we start with the introduction then we go on the work done to continue on the work to do and finish with the conclusion  **\*clic\***  So, to introduce our project we have done a mind maps to explain each particularity of the project and you can see the mind maps entirely |

**\*clic\***

**THEO**

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| We are currently working on a project which aims to help the 1st year students to perform in the network class. \*clic\*  For this project, we were in group of 4, composed of [inserer nom des 3 copains] and myself. \*clic\*  To communicate with each other we use discord and GitLab. Our client, Mr Hoguin can access this deposit. To discuss about all the project, we have already met our client during appointment in October and November. |

**\*clic\***

**ANUSHAN**

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| I will now talk about the deadline for our project, we have our first deadline around the end of December and the last deadline in May, **\*clic\*** during the first deadline we have to propose a model of the project to show our progress, **\*clic\*** and finally for our last deadline we must have finished the project and therefore have completed the client's requests,  For this the client has requirements, **\*clic\*** we must use Gitlab, which is a platform where we can deposit our files and thus the client can see our progress it is therefore a platform to better collaborate between us and with the client, the client also wants us to use tools, code languages, such as PHP and HTML / CSS these are tools of languages that concern websites |

**\*clic\***

**RAFFAELE**

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| Next, we will present you the tasks. Each person will explain their work.  First thing first, we have done for now 4 out of 8 main tasks as you can see on the labels.  **\*\* entourer la partie correspondante avec la souris \*\***  There is the validate sign to show the work implemented. And a run sign to show the work in progress.  \***\*clic\*\***  Today, our web application has its own model. In addition, it can translate IP Addresses from decimal to binary or hexadecimal and conversely.  Moreover, there is a function which is able to divide a network in sub-network with the CIDR notation.  \***\*clic\*\***  However, the application is not complete yet. Indeed, we have to program an Ethernet type CRC Calculator.  Then we have to propose a Nmap sniffer.  And finally, program a function which can find an IP Address of an external machine.  The function which divides the sub-network does not allow for the moment to make the VLSM notation to work.  The design report is still work in progress. |

\***\*clic\*\***

**END INTRO**

**ANUSHAN**

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| We decided to take the same model that we made during a project on a website last year, we can see that on the top we have many possibilities for selections, these are the functionality that our client wants, there will have a UVSQ logo, we have not decided on the title of the site yet, we aim for the website to be as educational as possible, so we still think about the colours |

**\*clic\***

**THEO**

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| About the binary to decimal translation option, we used a php form which reading input data in four different blocks which represent the four different bytes of an IP address.  The code check if all the inputs match with the language the user asked to translate and then it translates the four blocks with the php function «bindec» or «decbin». |

**\*clic\***

**TOM**

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| So, for this function I have to code a website who can translate ip address in hexadecimal format to decimal format **\*clic\*** and conversely  and this is the look of the page, to the top we have the course “how to translate ip address from hexadecimal to decimal and conversely” and below we have the application with text area to indicate the address and what translation you want and **\*clic\*** that how it’s work  And if we put an incorrect address or we choose the incorrect translation we have an error message |

**\*clic\***

**RAFFAELE**

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| My task was to program a function which can be able to divide the network in sub-networks.  The user enters the IP address in the several areas, for instance 192.168.1.2. **\*clic\***  Plus, he has to enter the sub-network mask length, like 8. **\*clic\***  After that, the user puts the number of sub-networks he wants, like 4. And then he presses the validate button.  As a result, it appears on the screen the networks which are divided.  **\*clic\***  **\*\* entourer la partie correspondante avec la souris \*\***  This is the CIDR notation.  The first thing to do was to understand how the CIDR notation worked. I train myself several times on paper. Thus, I wanted to divide the sub-network myself with my own method. But that was hard. Consequently, I made some researches and I found some method that simplify the division a lot. And it worked. |

**\*clic\***

**ANUSHAN**

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| I was in charge of the report, first I will briefly explain the reason for why we must make a report then I will show you our table of contents.    So first, we made a report **\*clic\*** to show that we understood the problem, here it was to make an educational website related to the network, to be the most understandable, and the most simplified because last year we had some difficulties with the network.  Secondly **\*clique\*** , so we can see our table of contents, first of all we have an Introduction part which we explain our way of working, our way of communicating between us, and indicating the plan of the report, with the different parts of the report and the Annex at the end of the report, then we have the Project part then the Annex part, the Project part has 2 sub-parts for the moment, the first sub-part are questions with the client, this sub-part shows that we have communicated with the client, then we have the part of the Use case that show a global vision of the functional .  And finally, we have the Annexes part which will have all our diagrams, specifications and more.  We haven't finished the report yet so it will evolve. |

\*clic\*

**END WORK DONE**

**THEO**

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| Finally, it remains 3.5 last functionalities to program, \*clic\*  A function which divides the network with the VLSM notations. Plus, the Ethernet type CRC Calculator. The Nmap sniffer.  And finally, find an IP Address of an external machine.  \*clic\*  For some of these, we need a course from M.Hoguin. Indeed, we didn’t learn that last year because of the Covid 19 \*clic\*  Secondly, we must do the rapport of the project for the last presentation \*clic\*  According to our client, we can have more tasks in future.  And after that we are going to be ready to present to you the project finished. |

**\*clic\***

**END TO DO**

**TOM**

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| Our principal problems was to work on this project in the same time for the university and to fix that we just work twice more.  \*clic\*  So that’s all the things done and to do and if you have some question do not hesitate and ask us  Thanks you to listen us and we are ready to present the final project to you, even tho there is still work to be done |

**END CONCLUSION / PRESENTATION**

Changer couleur diapo => gris

Work implemented = work done

CAHIER DES CHARGES EN INTRO en anglais => dans la mind map

Bin dec mettre accent sur les a

Partionner -> partitionner

Differents reseaux

Sous-reseau