

Sujet du projet

# Tutorial Project

By PIERRE Tom / MANOHARAN  
Anushan / PARISOT Theo / GIANNICO  
Raffaele



## Summary :

Introduction

Work implemented

To do

Conclusion

- App web
- Objectif : aider/ilustrer/faire comprendre les étudiant (reseau)
- Heberger sur un serveur de l'iut

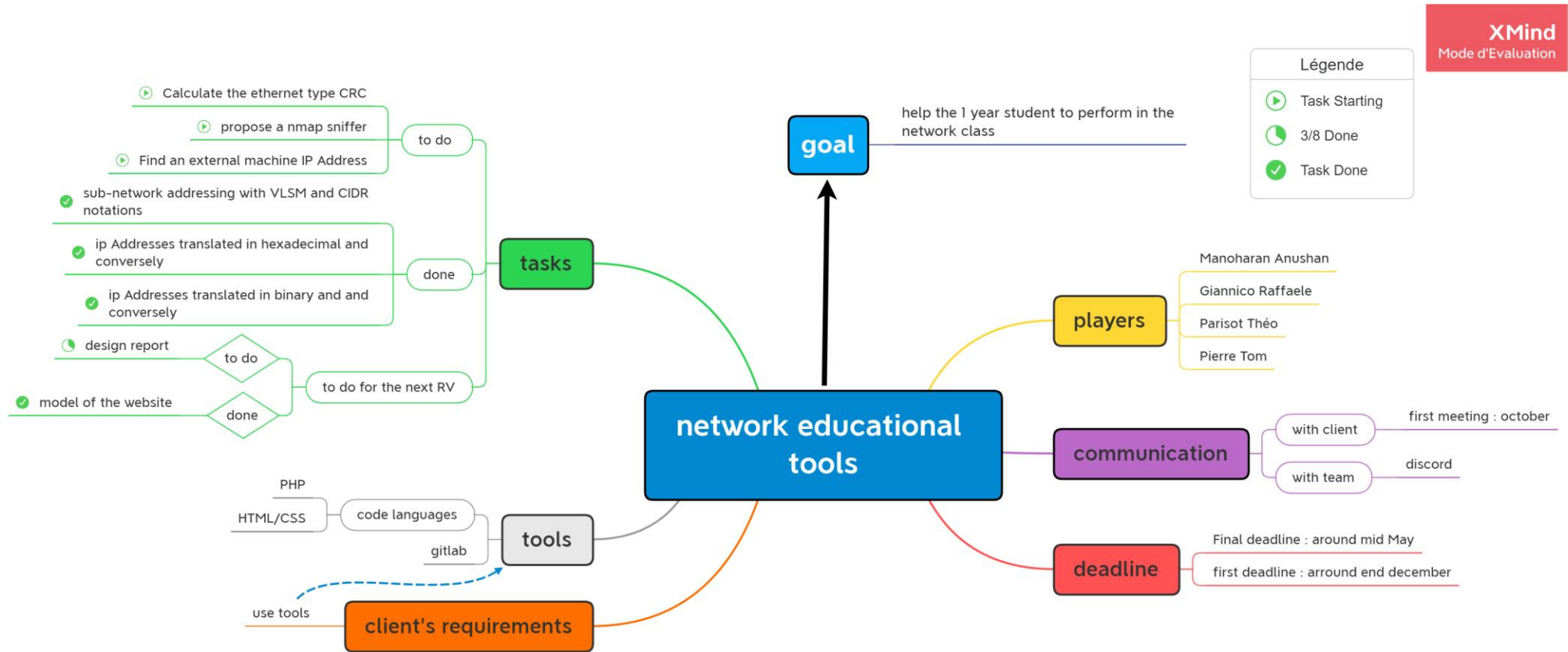
# Introduction

## Introduction

Work implemented  
Main page  
Bin to dec  
Hex to dec  
Sub network  
Design report

To do

Conclusion



# Introduction

## Introduction

Work  
implemented

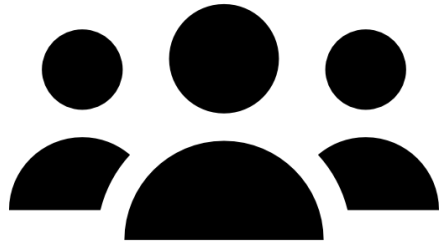
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help the 1st year students to  
perform in the network class



- GIANNICO Raffaele
- PIERRE Tom
- MANOHARAN Anushan
- PARISOT Theo



october / november

# Introduction



- end of December  
- mid may

Model of the website + some of functionalities

project completed + client's requirement met

Tools :



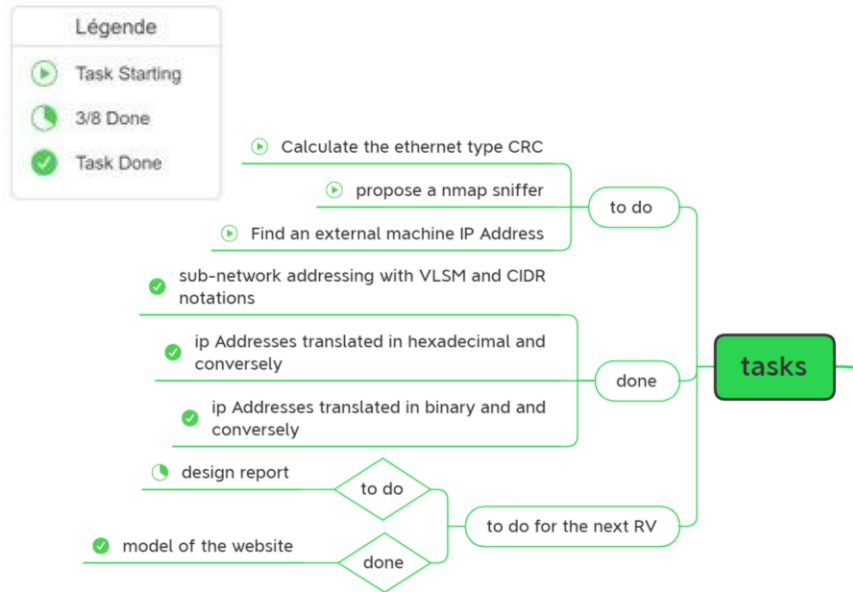
# Introduction

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✓ sub-network addressing with VLSM and CIDR notations

✓ ip Addresses translated in hexadecimal and conversely

✓ ip Addresses translated in binary and and conversely

done

▶ Calculate the ethernet type CRC

▶ propose a nmap sniffer

▶ Find an external machine IP Address

to do

design report

to do

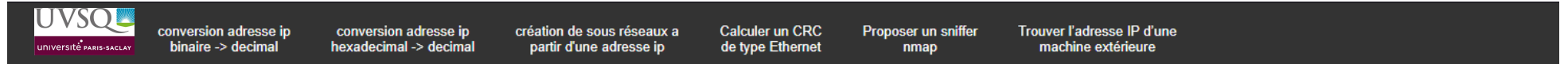
✓ model of the website

done

to do for the next RV

# Work implemented

## Main Page



## Introduction

## Work implemented

-> Main page  
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## To do

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### titre du site

ici vous pourrez réviser tout les modules de l'INM2013 : réseau

Adresse IP :

Bin -> dec

Hex -> dec

Sous - réseau

Trouver IP autre machine

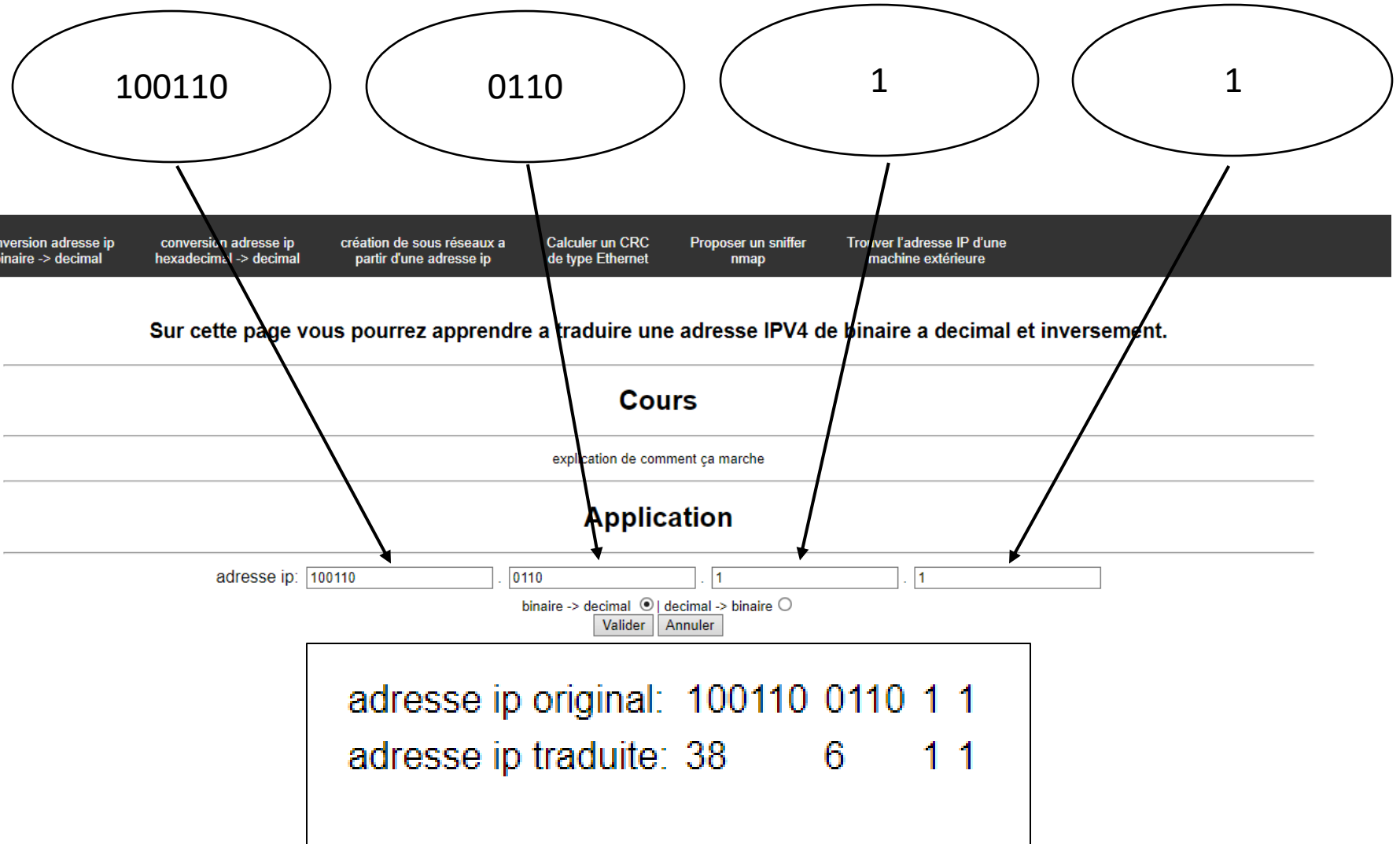
Calculer le CRC

Sniffer Nmap



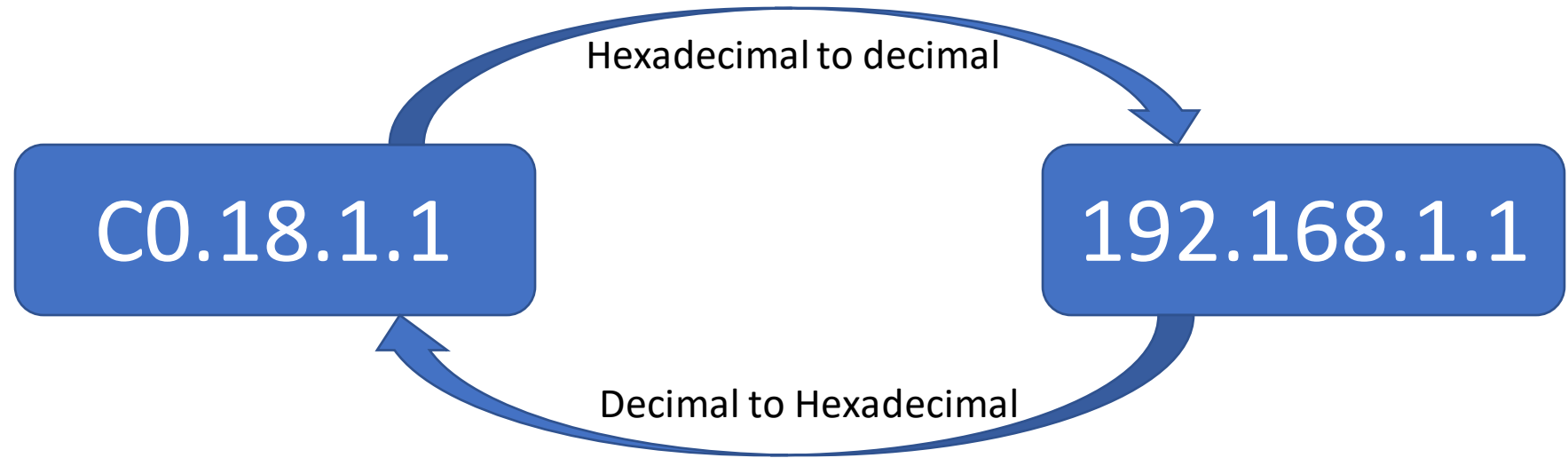
# Work implemented

Bin to dec



# Work implemented

hex to dec



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- conversion adresse ip binaire -> decimal
- conversion adresse ip hexadecimal -> decimal
- création de sous réseaux a partir d'une adresse ip
- Calculer un CRC de type Ethernet
- Proposer un sniffer nmap
- Trouver l'adresse IP d'une machine extérieure

Sur cette page vous pourrez apprendre a traduire une adresse IPV4 de hexadecimal a decimal et inversement.

## Cours

explication de comment ça marche

## Application

adresse ip:

hexa -> decimal ☒ | decimal -> hexa ☐  
 Valider Annuler

# Work implemented

## Sub network

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conversion adresse ip  
binaire -> decimal

conversion adresse ip  
hexadecimal -> decimal

création de sous réseaux a  
partir d'une adresse ip

Calculer un CRC  
de type Ethernet

Proposer un sniffer  
nmap

Trouver l'adresse IP d'une  
machine extérieure

Sur cette page vous pourrez apprendre a partitionner votre réseau en different sous réseau.

**Cours**

explication de comment ça marche

**Application**

Adresse ip

Nombre de sous-réseaux

Annuler Valider

Introduction

Work  
implemented

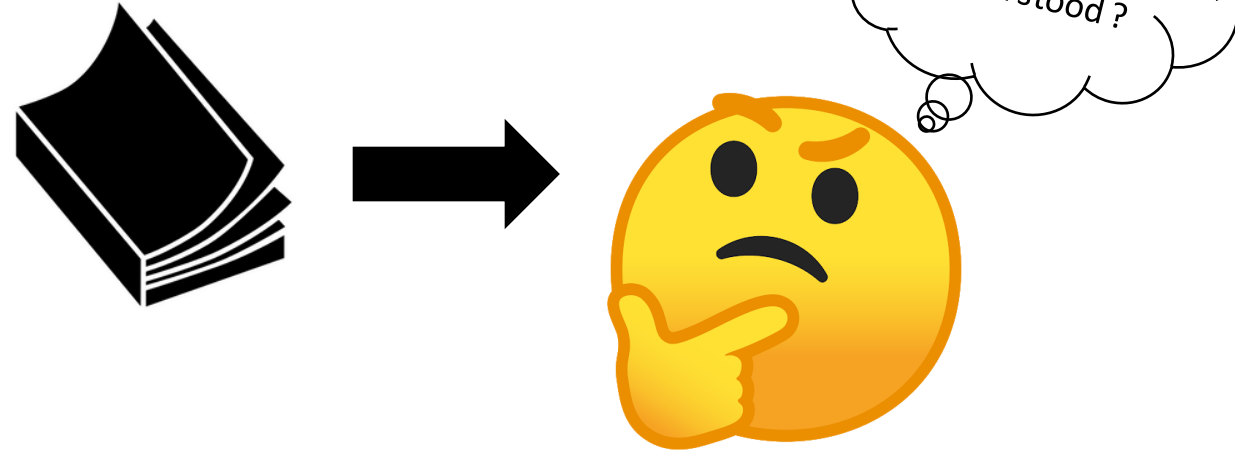
Main page  
Bin to dec  
Hex to dec  
-> **Sub network**  
Design report

To do

Conclusion

# Work implemented

Design Report



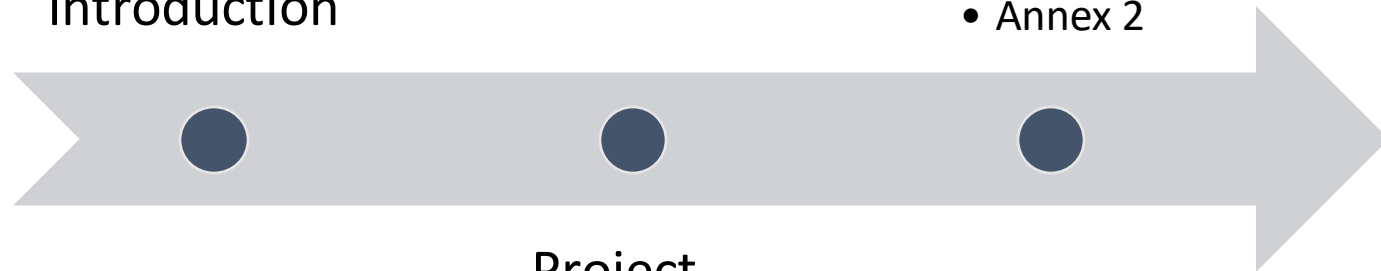
Annex

- Annex 1
- Annex 2

Introduction

Project

- Question
- Use case



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-> **Design report**

To do

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## Introduction

## Work implemented

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## To do

## Conclusion

# To Do

1.



▶ Calculate the ethernet type CRC

▶ propose a nmap sniffer

▶ Find an external machine IP Address

to do

2.



3.



# Conclusion

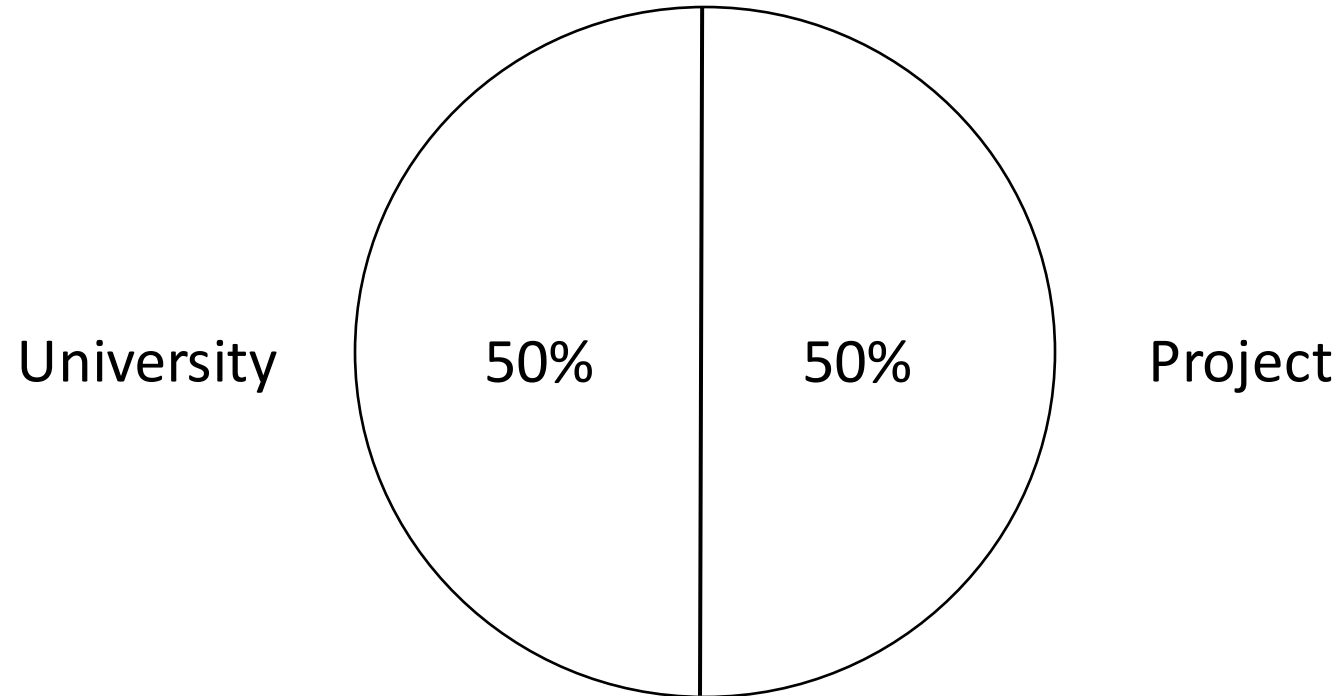
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Thank you !

and do not hesitate to ask questions !