

# Hex/Bin/Text Editor

To realise this project we need for essential modules:

## **1-Open and save module :**

This module allows the user to open and save the file that we will be operating on , it has two function

- \*the read function

- \*the save function

## **2-Detection module :**

The function of this module is to analyse the content of the file and the detect the if it's of type Text , Hex or Bin

## **3-Conversion methode module :**

This module is the main function of the program , it allows the conversion between the different types , it has 6 functions

- \*text to hex

- \*hex to text

- \*hex to bin

- \*bin to text

- \*text to bin

- \*bin to hex

## **4- UI module**

The user would be able able to interact with the oder modules thanks to the interface , it has to have an area display the content in different forms and buttons that allow him to use the different features such as opening , saving and converting

This software can be realised using C++ and QT framework