[Name]

[PCN]

Abstract

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.   
When you’re ready to add your content, just click here and start typing.]

ALE 1   
 Design Documentation

FHICT English Stream

# Introduction

<OPTIONAL: write introduction text here.>

General notes:

* Before submitting remove all yellow text (including this ☺)

# Assignment 1: Parse + Tree

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Describe your approach, detail upon challenges, what were your struggles, how you came across them.
* If you did not manage to implement, also mention all your attempts and why your solution could not be implemented.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.
* All team work (2+ students) must be mentioned; e.i.: In class **Tree.cs** from **line 15-55** is code developed together with partner **X (PCN:xxxxxx)**.
* IMPORTNAT: Please be sure to mention all lines of code you worked together with another fellow student, otherwise plagiarism might be detected in your code and you will be sent to the examination board.

# Assignment 2: Truth table + Hash code

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Describe your approach, detail upon challenges, what were your struggles, how you came across them.
* If you did not manage to implement, also mention all your attempts and why your solution could not be implemented.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.
* All team work (2+ students) must be mentioned; e.i.: In class **Tree.cs** from **line 15-55** is code developed together with partner **X (PCN:xxxxxx)**.
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# Assignment 3: Simplify

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Describe your approach, detail upon challenges, what were your struggles, how you came across them.
* If you did not manage to implement, also mention all your attempts and why your solution could not be implemented.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.
* All team work (2+ students) must be mentioned; e.i.: In class **Tree.cs** from **line 15-55** is code developed together with partner **X (PCN:xxxxxx)**.
* IMPORTNAT: Please be sure to mention all lines of code you worked together with another fellow student, otherwise plagiarism might be detected in your code and you will be sent to the examination board.

# Assignment 4: Normalize

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Describe your approach, detail upon challenges, what were your struggles, how you came across them.
* If you did not manage to implement, also mention all your attempts and why your solution could not be implemented.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.
* All team work (2+ students) must be mentioned; e.i.: In class **Tree.cs** from **line 15-55** is code developed together with partner **X (PCN:xxxxxx)**.
* IMPORTNAT: Please be sure to mention all lines of code you worked together with another fellow student, otherwise plagiarism might be detected in your code and you will be sent to the examination board.

# Assignment 5: Nandify

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Describe your approach, detail upon challenges, what were your struggles, how you came across them.
* If you did not manage to implement, also mention all your attempts and why your solution could not be implemented.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.
* All team work (2+ students) must be mentioned; e.i.: In class **Tree.cs** from **line 15-55** is code developed together with partner **X (PCN:xxxxxx)**.
* IMPORTNAT: Please be sure to mention all lines of code you worked together with another fellow student, otherwise plagiarism might be detected in your code and you will be sent to the examination board.

# Software design

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Give a general overview of your software design, your classes, interfaces, design patterns
* Argue why your software design is representative to the assignment
* Describe why the choice of classes\interfaces\design patterns or mention why you decide not to choose certain classes\interfaces\design patterns and kept the code simple.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.

# GUI

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Give a general overview of your GUI (what does each components do).
* Argue why your GUI is representative to the assignment (easy to use, straightforward or require experienced user).
* Describe why the choice of components or mention why you decide not to choose certain components and kept the GUI simple.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.

# Testing

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Give a general overview of your testing (what does each test).
* Argue why your testing is representative to the project (enough - more than 10 tests per assignment - for each components)
* Describe the choice of testing or mention why you decide not to test certain components.
* Describe (in existent) additional feature or smart computations that I might miss while assessing your code.

# Conclusions and future implementations

<PROVIDE YOUR ANSWERS HERE>

General notes:

* Conclude the report and mention future implementations, what could be improved.