**CSCE 330 Group Project:**

**Pipelined MIPS Assembler and Simulator**

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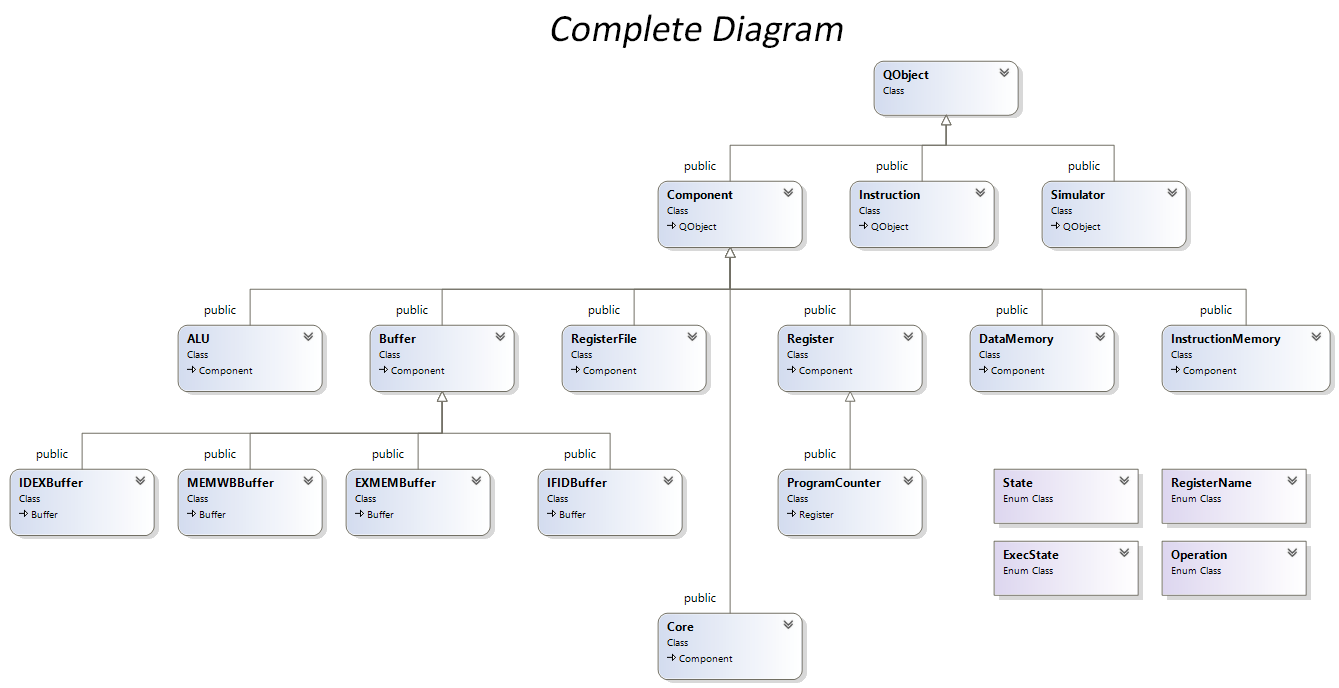
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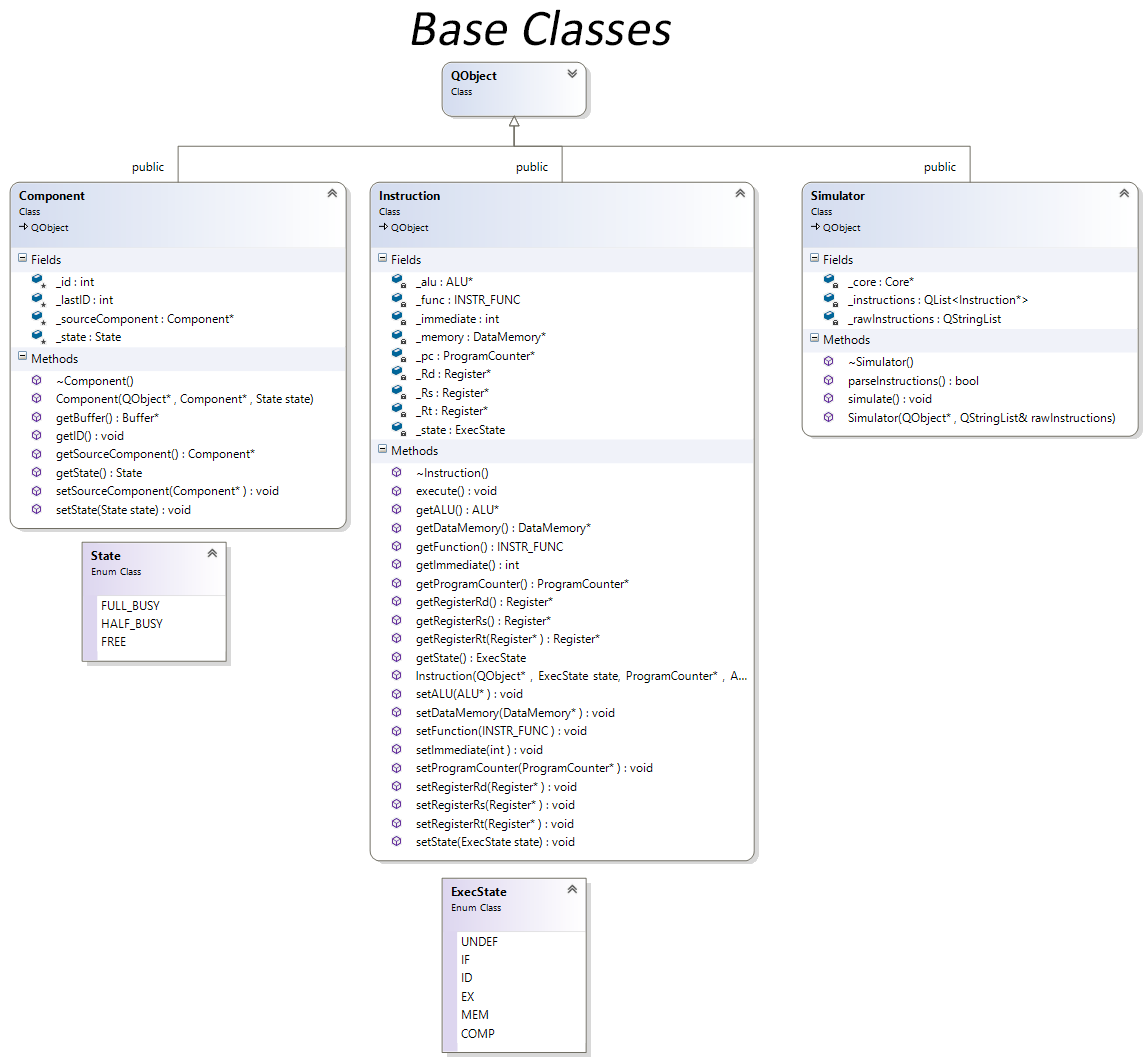
**Framework:** Qt C++.

**Conventions and Strategies for maintainability:**

* All names should be clear and identify their purpose clearly.
* Class names start with capital letter.
* Variable names and public class methods in camel case, i.e. variableName.
* Private class methods and member are preceded with underscore.
* For constructors and setters, the parameters are similar to the member but without the leading underscore.
* Each setter is followed by the corresponding getter in the class header file.
* Widgets names start by three letters indicating the type of the widget followed by it is function, i.e. btnSave.
* No widgets should be left with default names (Layouts can be exceptions).
* File names are all in small letters.
* All classes should have QObject/QWidget as parent/grandparent.
* The priority should ALWAYS be given to Qt libraries.

**Class Diagrams:**

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