2.1.ANALYSIS, MODELIZATION DU SYSTEMS

This document is intended to present the different follow-up steps in our analyzes, to describe and display the diagrams that will be used for the implementation of our system. We are here in a phase of analysis of the 2TUP process

1. The concept of conception to follow

To apply our solution, we have adopted an approach that consists of:

- Identify possible use cases for each module, including the sequence sequences diagrams which are the graphical representations of the text descriptions of the use case,
- Identify the participating classes for each module utilization, Elaborate
- the class diagrams.

2. Presentation of diagrams of our project

In order to better respond to the problems posed by our theme, we have divided our project into several modules. These modules are:

- Module I: "User Management"
- Module II: "Purchase and Adhesion Management"
- Module III: «Management of retreats and notations»

2.1.Presentation of diagrams of use cases

2.1.1. Presentation of module I «Management of users»

The usage cases we manage in this module are:
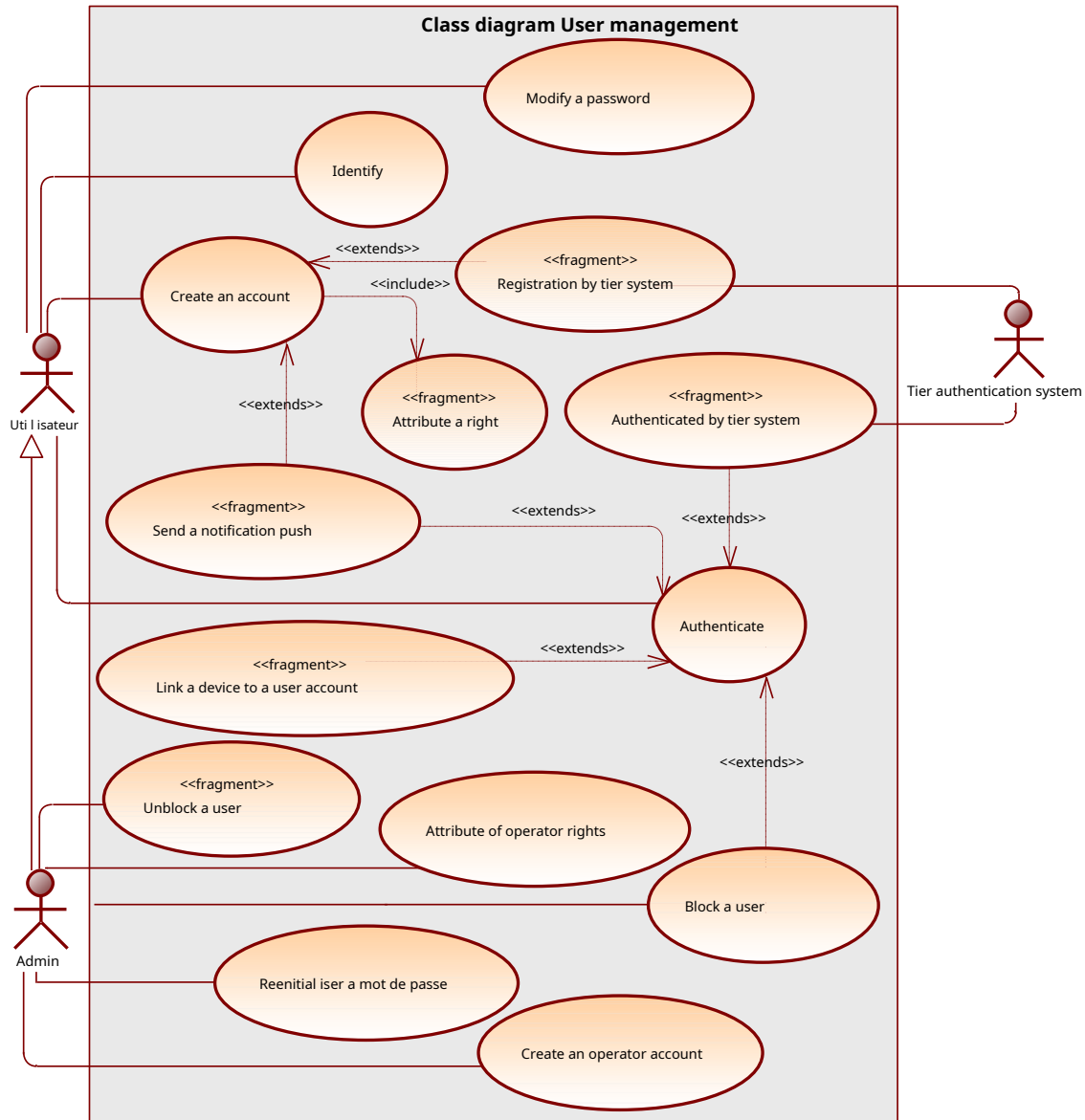
Class diagram User management

Figure 1: Schematic diagram of the use cases of the module «Management of users»

2.1.2. Presentation of module II «Management of purchases and adhesions»
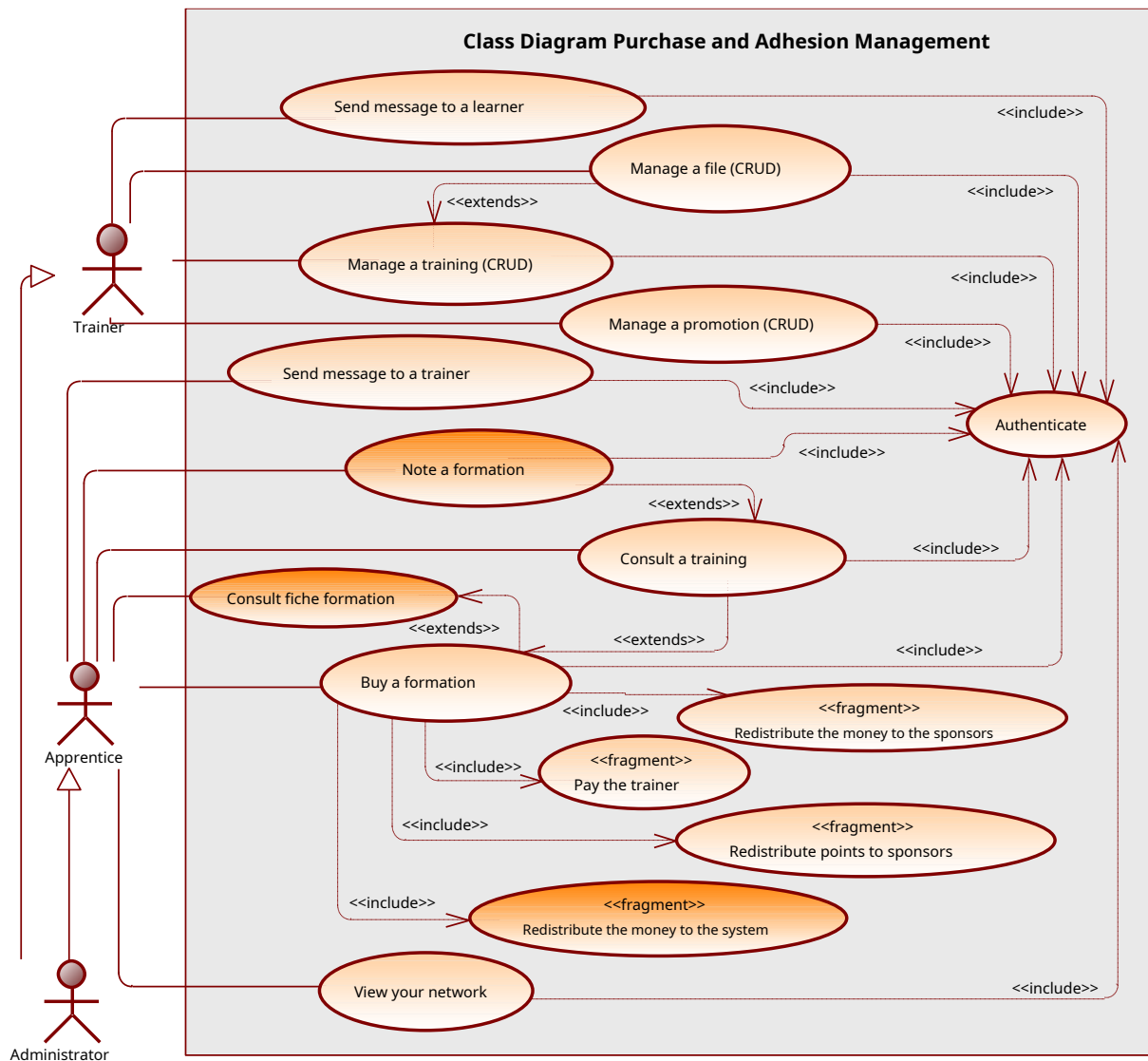
The usage cases we manage in this module are:

Figure 2: Schematic diagram of the use cases of the module «Management of purchases and adhesions»

2.1.3. Presentation of module III «Management of retreats and notations»

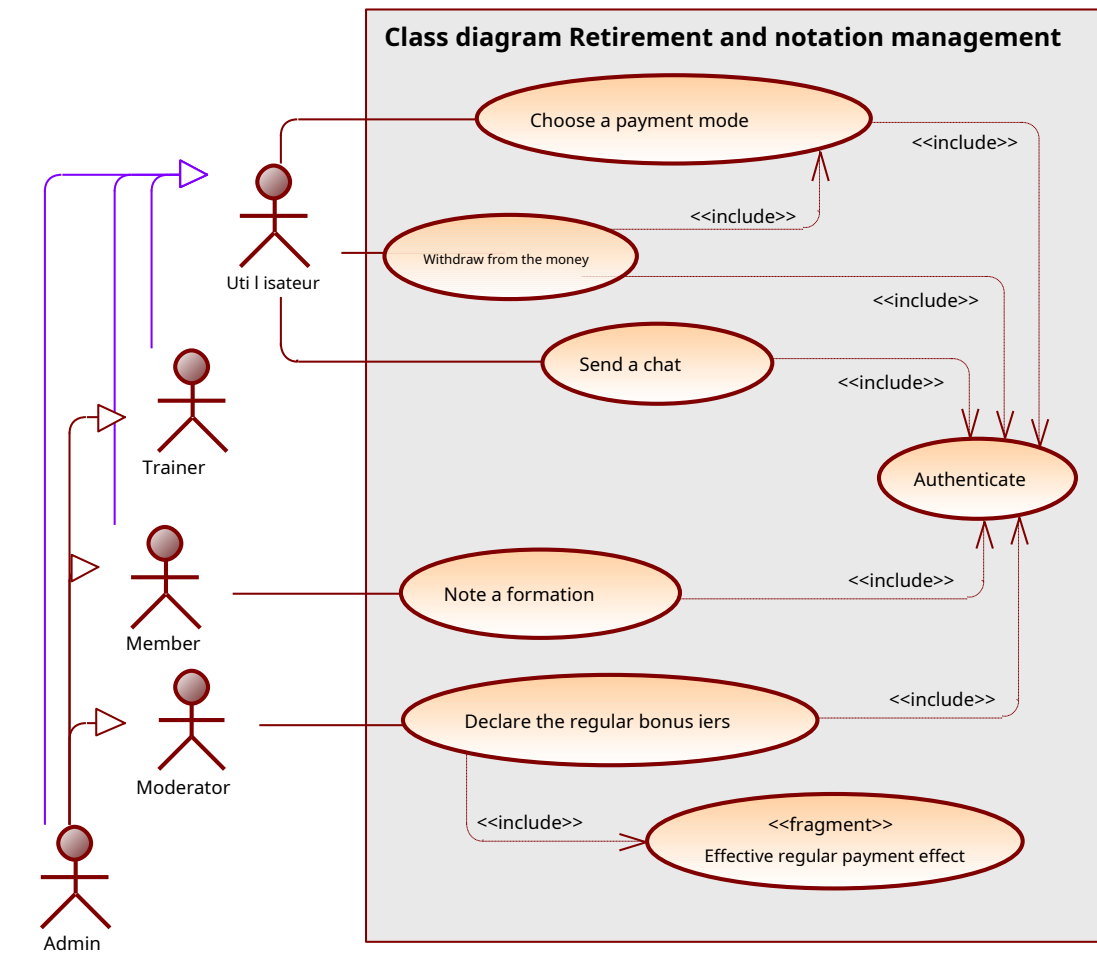The usage cases we manage in this module are:

Figure 3: Schematic diagram of the use cases of the module «Management of purchases and adhesions»

2.2.Presentation of system class diagrams

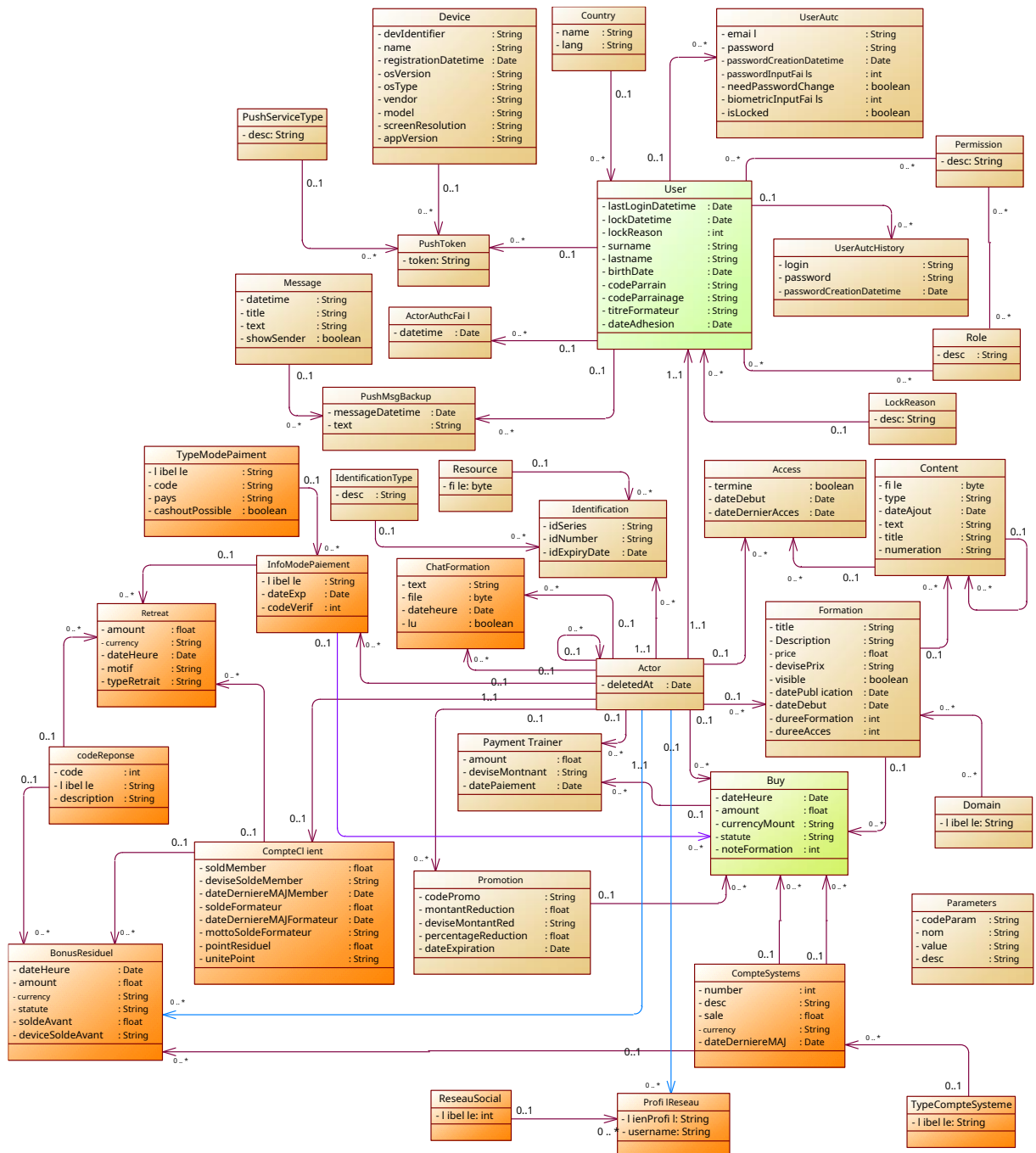Following the 2TUP method, we are at the stage of preliminary conception.

System class diagram

Figure 4: Scheme of the class system diagram