Introduction

The following document follows the development of an object-oriented software product by using UML techniques.

The goal of this software system is to build a flow network consisting of pipelines and components such as pump, sink, splitter, adjustable splitter and merger.

In addition, the User Requirements Specification (URS) will be described such as functional and non-functional requirements and user interface.

The functional requirements will be analyzed using use-cases and used in determining the most appropriate user interface.