

# A4: Conceptual Data Model

## 1. Class diagram

The diagram in Figure 1 presents the main organisational entities, the relationships between them, attributes and the multiplicity of relationships for **SonicFlow**.

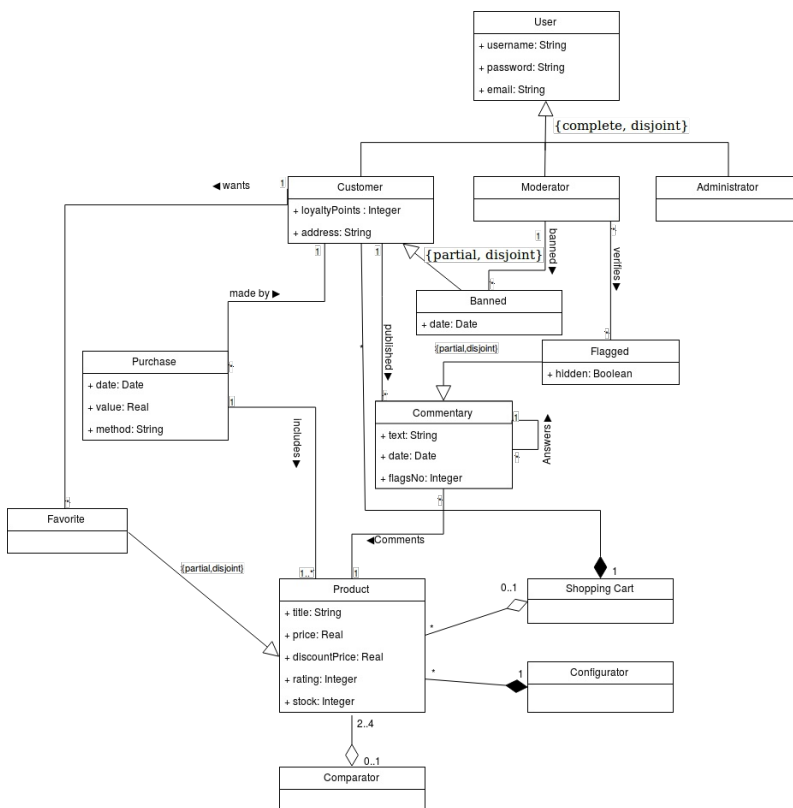


Figure 1: UML conceptual data model.

## 2. Additional Business Rules

Besides the conceptual data model shown before, we have included some extra rules to facilitate the understanding of our data model.

Identifier	Name	Description
BR01	Consistency	A customer can only comment on a product he has previously bought.

BR02	Loyalty	For each purchase the user gets 1 Loyalty Point.
BR03	Comment History	When a comment is deleted it should be replaced with a generic [DELETED] comment.

## Revision history

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