**Software engineering documentation**

The software engineering methodology used is reuse-oriented software engineering.

**Use case diagram**

Packy

**ss**

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**System modelling**

1. Context model

Options

Need

Database

User

Options information stored

User information stored

Choose the need Gets options

1. Interaction model

**Use case**

**Sequence diagrams**

UserSystemDatabase

Log in

Display user profile

Check the options

Update the options

Results of checked options

Confirmation

Store the confirmation

1. Structural model

**Generalization hierarchy**

Basic needs

Personal care

Clothing

Health

Food

User

Need

1

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1. Behavioral model

1 1

User

Options

Need

**1**

1.. \* 1...\*