**DVD is lent out**

**Operation contract**

Operation: createLoan()

Cross reference: Use Case (brief): Creating a loan

Precondition: None

Postcondition: - An instance of Loan is created

* The instance is stored in ArrayList<Loan> in the LoanContainer class
* Attributes of object are initialized

**Operation contract**

Operation: getLoan()

Cross reference: Use Case (brief): Viewing details about a loan

Precondition: A loan has been found in ArrayList<Loan> in Loancontainer class.

Postcondition: Attributes of Loan object are returned

**Operation contract**

Operation: modifyLoan()

Cross reference: Use Case (brief): Changing loan details

Precondition: A loan has been found in ArrayList<Loan> in Loancontainer class

Postcondition: Attributes of Loan object are modified

**Operation contract**

Operation: deleteLoan()

Cross reference: Use Case (brief): Canceling a loan

Precondition: A loan has been found in ArrayList<Loan> in Loancontainer class.

Postcondition: Loan object is deleted from the ArrayList<Loan> in Loancontainer class