

# PROJECT 1

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Cluster 3

*Program Design*

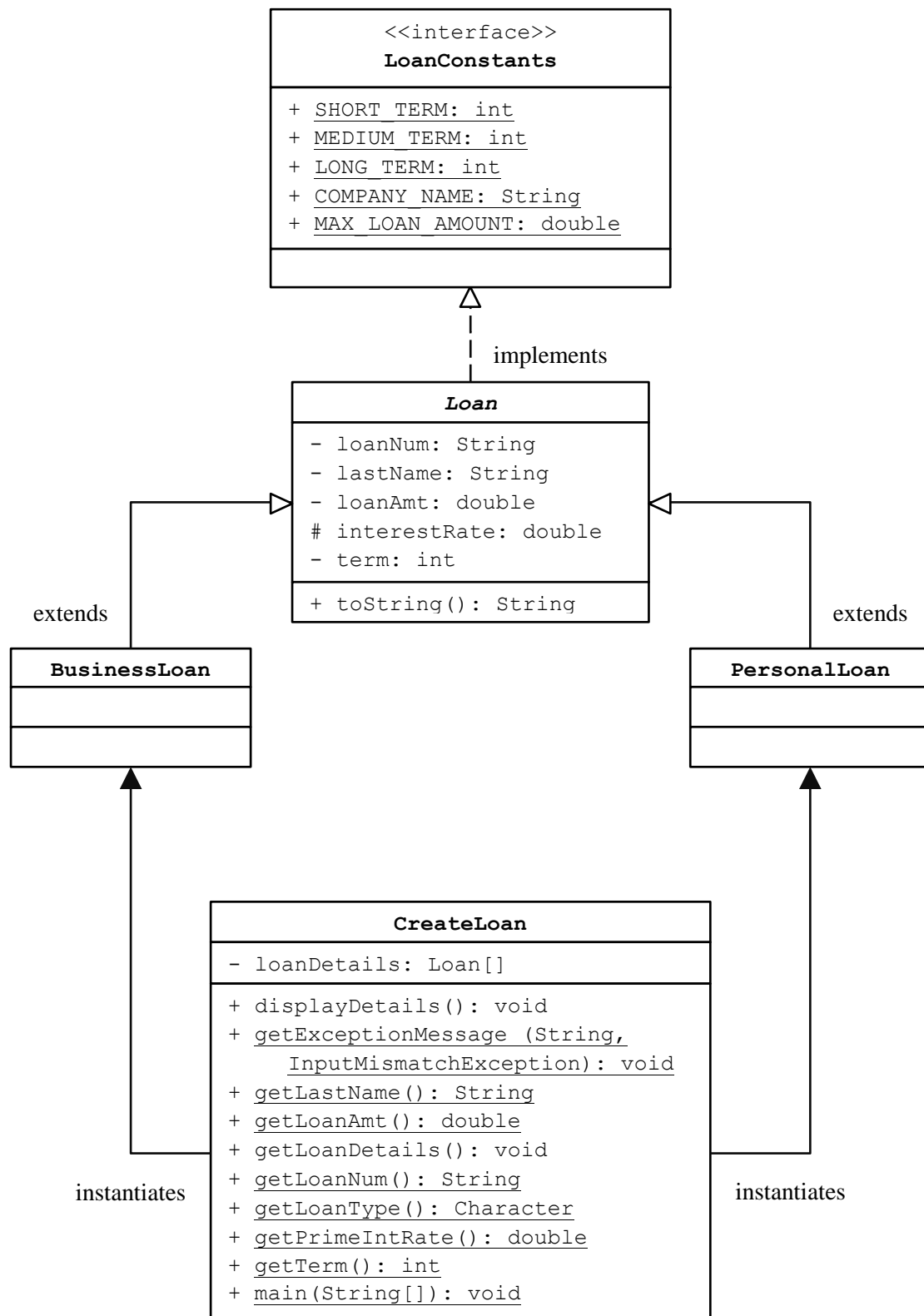
*Submitted by*

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131311399

## Class diagram

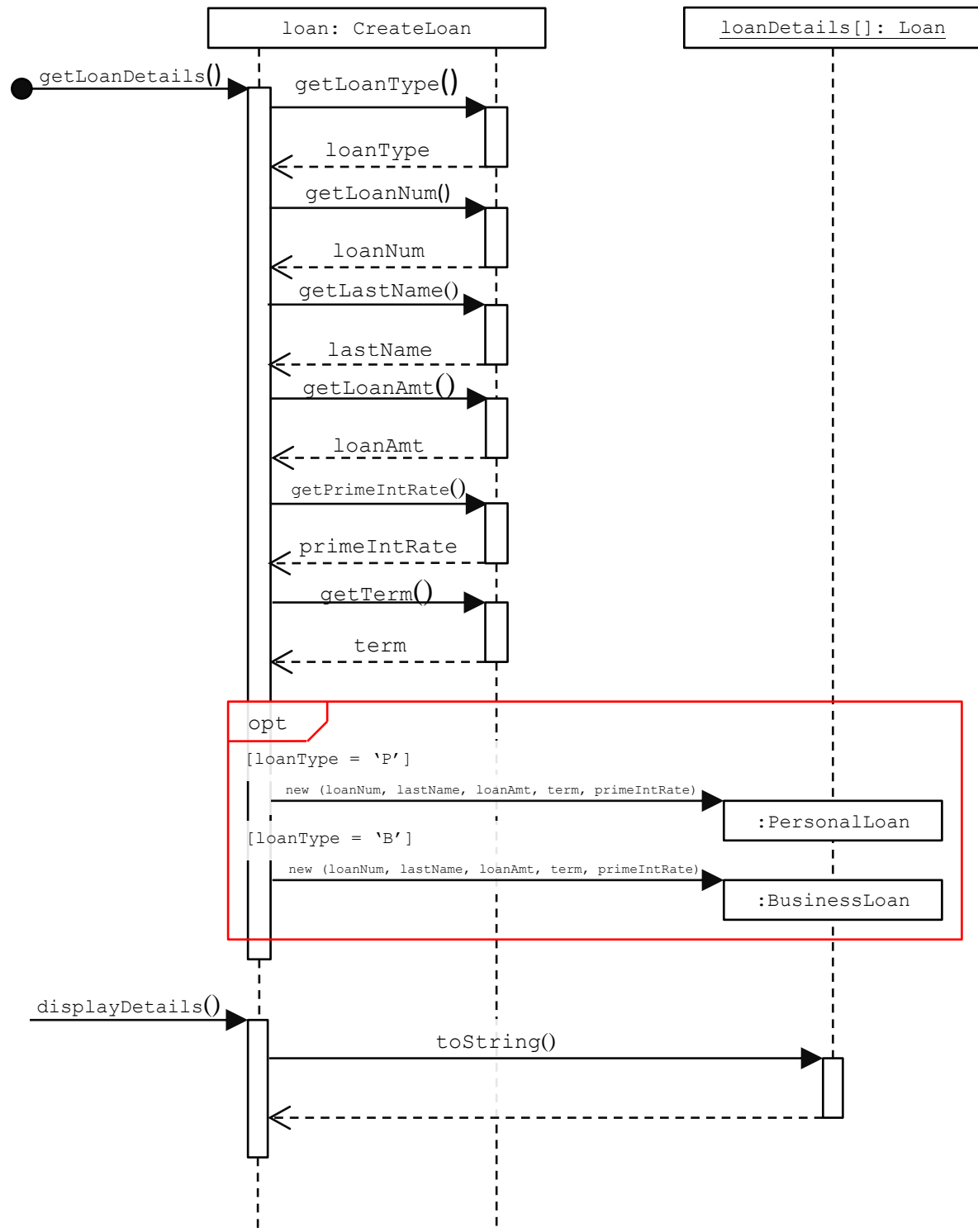
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The following represents the static class diagram of the program:



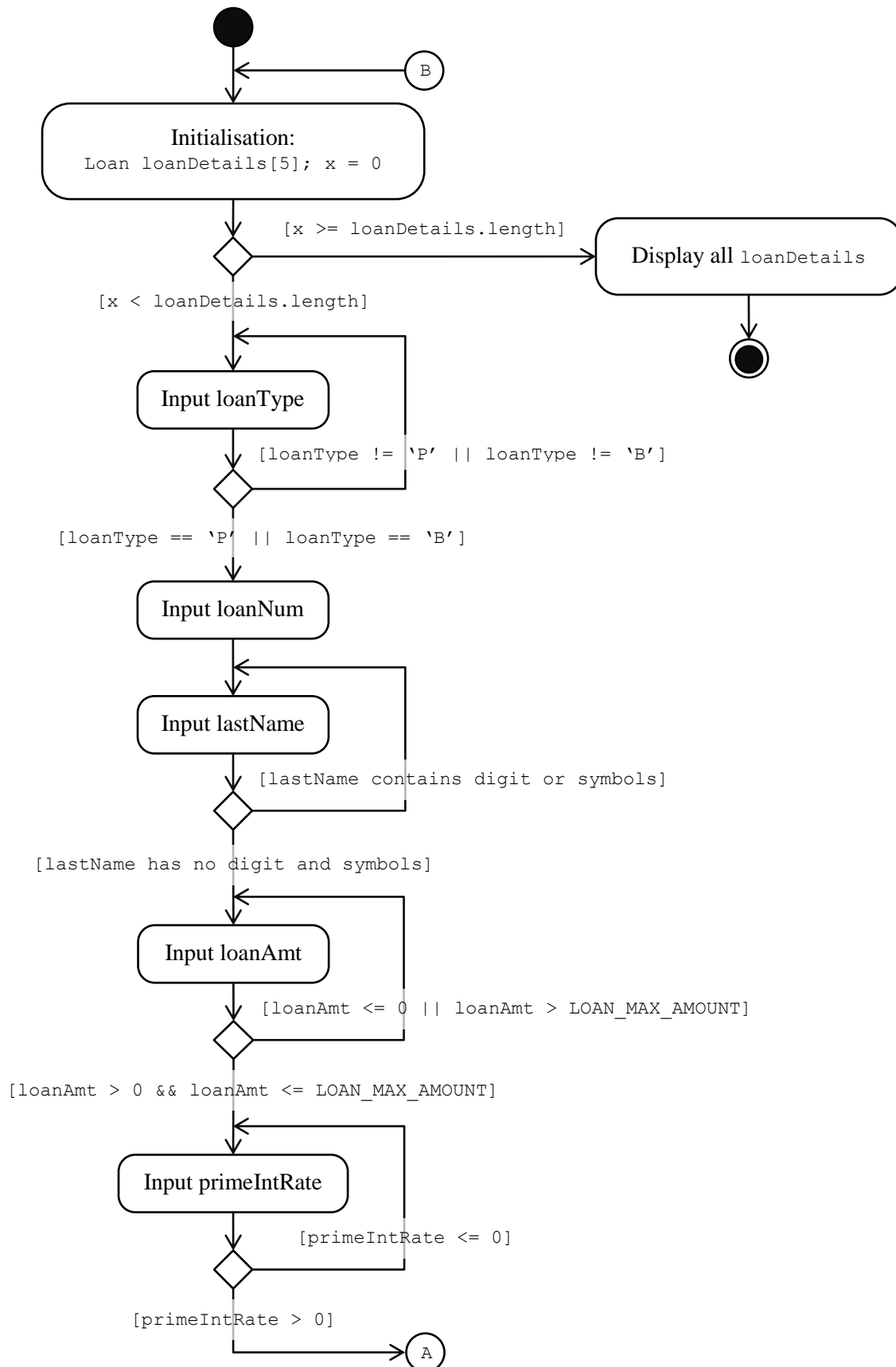
## Sequence diagram

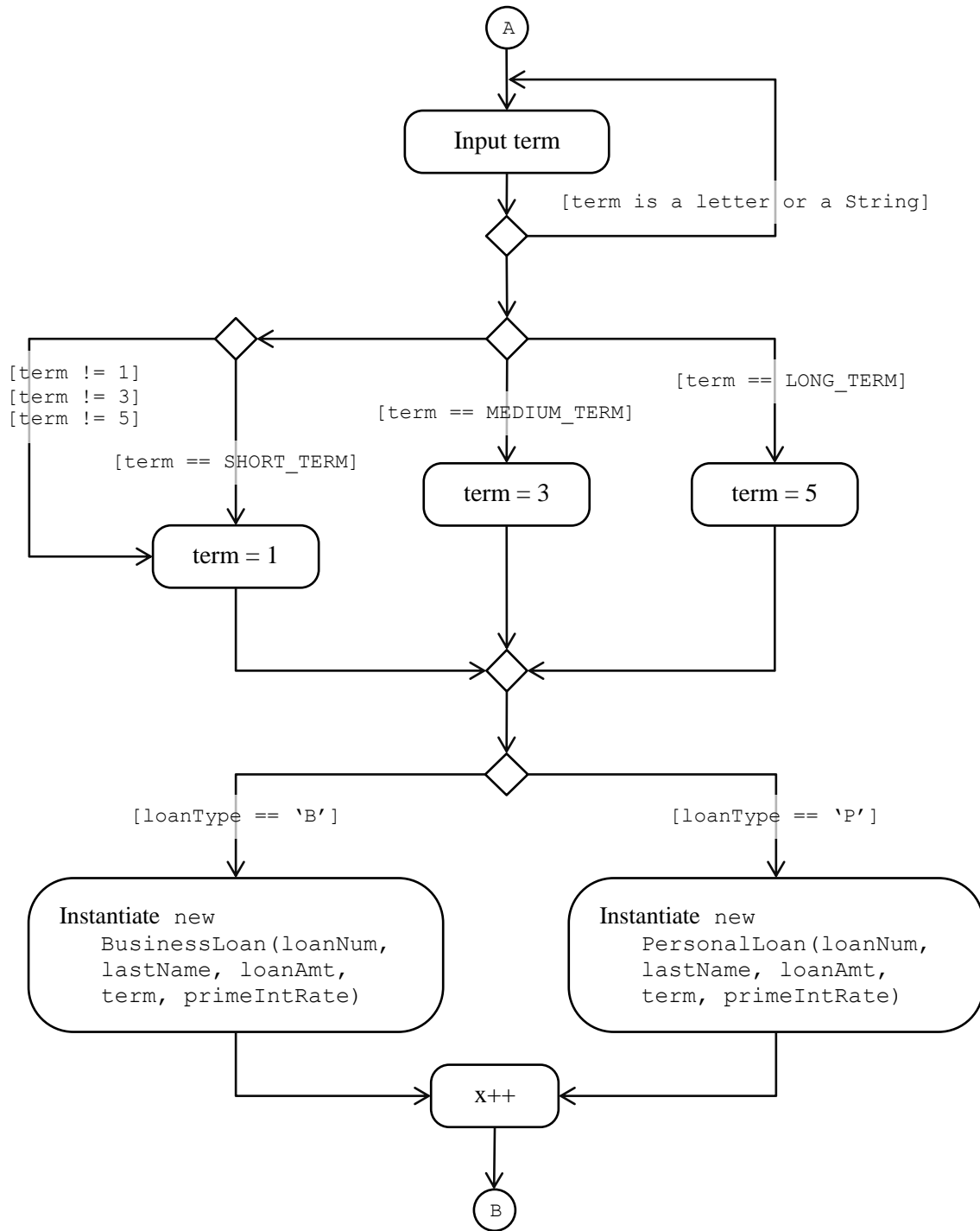
The following represents the sequence diagram of the program:



## Activity diagram

The following represents the activity diagram of the program:





## Relationships among classes

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**Inheritance:** Classes `BusinessLoan` and `PersonalLoan` are of `Loan` types. Thus, class `Loan` serves as the superclass of `BusinessLoan` and `PersonalLoan` classes.

