

Unique Building Services Loan Company

Loan Application System

User Manual

Work by:

- Tumelo Mabena (577583@student.belgiumcampus.ac.za)
- Vuyo Mhlanga (576823@student.belgiumcampus.ac.za)
- Lucky Kgalifi Manamela (577675@student.belgiumcampus.ac.za)
- Chaleigh Storm (577716@student.belgiumcampus.ac.za)
- Bophelo Maroga (577651@student.belgiumcampus.ac.za)
- Thorisho Serumula (578015@student.belgiumcampus.ac.za)

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Application Start-up

```
***** Unique Building Services Loan Company *****  
Current Prime Interest Rate (Whole Number e.g 10): 
```

On the application start-up, the user will be presented with the Unique Building Services Loan Company Loan Application System and will be prompted to input the current prime interest rate. The prime interest rate is received as a whole number and is converted by the application into a percentage.

Loan Type

```
***** Loan Type *****  
1. Business Loan  
2. Personal Loan  

```

Once the prime interest rate has been entered the loan type menu will be presented. The loan type menu prompts the user to select 1 of 2 things, a business loan and personal loan. The loan selection type will be to determine the amount the user will owe on their loan.

Loan Details

The user is prompted to enter their Loan Number (unique identifier of a loan), customer Last Name and First Name, and Loan Amount. If the Loan Amount entered is above the allowed R100000 limit, the program would inform the user and request that they enter a new loan amount that is under or equal to the R100000 limit.

```
Loan Number: 532  
Last Name: Farrell  
First Name: Joseph  
Loan Amount: 10000000  
Loan cannot exceed R100000  
Please enter a new amount: 
```

Loan Term

```
***** Loan Term *****  
1. Short Term (1 year)  
3. Medium Term (3 years)  
5. Long Term (5 years)  

```

Here users are required to select their desired loan term, with the accepted inputs corresponding to the length of the loan e.g. User enters 3 for a Medium-term Loan(3 years)

Loan Summaries

```
***** Current Open Loans *****
```

```
Loan Number: 705  
Customer Name: Jeff Garner  
Loan Amount: R7450  
Interest Rate: 9%  
Term: 3 years  
Total Amount Owed: R8120,5
```

```
Loan Number: 210  
Customer Name: Thomas McDonald  
Loan Amount: R2000  
Interest Rate: 10%  
Term: 5 years  
Total Amount Owed: R2200
```

```
Loan Number: 318  
Customer Name: Alex Mason  
Loan Amount: R6300  
Interest Rate: 9%  
Term: 3 years  
Total Amount Owed: R6867
```

```
Loan Number: 943  
Customer Name: Sebastian Bara  
Loan Amount: R10000  
Interest Rate: 10%  
Term: 1 years  
Total Amount Owed: R11000
```

```
Loan Number: 532  
Customer Name: Joseph Farrell  
Loan Amount: R100000  
Interest Rate: 9%  
Term: 5 years  
Total Amount Owed: R109000
```

The program proceeds to give a summation of the customer's information:

- Loan Number
- Customer full name
- Customer's loan amount
- Current prime interest rate (in percentage)
- Loan Term
- Final calculated amount to be paid by the customer.