

A user manual for the loan application

PRG281 – PROJECT



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INTRODUCTION

Welcome!

The Unique building services loan System is a C# Console Application designed to manage construction loans. Feel free to read through the guide to ensure the smooth running of the application.

The application offers two types of loans, one suited for individuals and one suited for businesses. The calculations on the application are based off of the current prime interest rate, the amount required, the loan term as well as the loan type.

Read on to get a detail walkthrough of the application as well as the frequently asked questions that you might have.



Getting Started

System requirements

Ensure your computer meets the following requirements:

- Operating System: Windows 7 or higher
- .NET Framework: Version 4.5 or higher
- Display Resolution: 1024x768 or higher

Installation guide

Follow these steps to install the system:

- Download the installation package from belgigi.com.
- Run the installer and follow the on-screen instructions.
- Once installed, launch the application from your Start Menu or desktop.

Guided walkthrough

Launching the application

Upon launching the application, you are prompted to enter the current Prime interest rate

```
C:\Users\keamo\Downloads\null\KMTLoaningCompany\bin\Debug\net7.0\KMTLoaningCompany.exe
-----KMT Loaning Company-----
Enter current prime interest rate(use a comma for a decimal): 6,37
```

Loan type

Next, you are prompted to choose the type of loan for your needs, choose either business or Personal.

```
C:\Users\keamo\Downloads\null\KMTLoaningCompany\bin\Debug\net7.0\KMTLoaningCompany.exe
-----KMT Loaning Company-----
Enter current prime interest rate(use a comma for a decimal): 6,37
Customer 1
-----
What type of loan would you like to create(Personal/Business): Personal
```

Data Entry

In order to store a custome's information, the next step requires data about them. It requires their first name, last name, the loan amount as well as the loan term

```
C:\Users\keamo\Downloads\null\KMTLoaningCompany\bin\Debug\net7.0\KMTLoaningCompany.exe
-----KMT Loaning Company-----
Enter current prime interest rate(use a comma for a decimal): 6,37
Customer 1
-----
What type of loan would you like to create(Personal/Business): Personal
-----
Please enter you firstname: Keamogetswe
Please enter your lastname: Ditse
Please enter the loan amount: 30500
Please enter the loan term in years(1/3/5): 5
```

CHAPTER TWO CONTINUED

Results

After entering all the required information, you will see a message that shows you that a customer has been created along with the summary containing the loan number that is automatically generated as well as the loan information.

```
A customer with the following details has been created
-----
Loan number   : 7439
Customer name : Keamogetswe Ditse
Loan amount   : 30500
Loan term     : 5
```

All loans display

Upon entering different customers, you can see all of their information on the 'All loans' window.

```
-----ALL LOANS-----

-----Customer 1-----
Loan number   : 5011
Name          : Keamogetswe Ditse
Type of Loan  : Personal
Amount borrowed: R30500,00
Amount Due    : R40214,25
Due Date      : 2028-08-30

-----Customer 2-----
Loan number   : 5445
Name          : Matthew Dahl
Type of Loan  : Business
Amount borrowed: R2000,98
Amount Due    : R2383,37
Due Date      : 2026-08-30

-----Customer 3-----
Loan number   : 9088
Name          : Tumiso Manamela
Type of Loan  : Personal
Amount borrowed: R9000,50
Amount Due    : R11867,16
Due Date      : 2028-08-30

-----Customer 4-----
Loan number   : 9857
Name          : Ryan Reynolds
Type of Loan  : Business
Amount borrowed: R50343,65
Amount Due    : R66378,10
Due Date      : 2028-08-30

-----Customer 5-----
Loan number   : 9611
Name          : Jack Black
Type of Loan  : Business
Amount borrowed: R700,00
Amount Due    : R1012,13
Due Date      : 2030-08-30

D:\school\Code\practice\KMTLoaningCompany\bin\Debug\net7.0\KMTLoaningCompany.exe (process 10076) exited with code 0.
Press any key to close this window . . .
```

Troubleshooting and FAQ

Troubleshooting

If you encounter any issues, consider the following steps:

- Ensure you're using a compatible operating system and framework version.
- Double-check your input data for accuracy.
- Restart the application if you notice any unusual behavior.

Frequently asked questions

What is the difference between a Personal loan and a Business Loan?

A personal/individual loan is suitable for persons looking to fund a personal building project whereas the business loan is suitable for business entities looking for funding for a business project.

Can I delete an entry after submitting the details?

Our application does not support altering of information at the moment,

Can I change an entry after submitting the details?

Our application does not support altering of information at the moment,

Contact information

If you need further assistance regarding the application, please reach out to us on our email at info@belgigi.com

