Group members

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User manual

CMPG Group Project 2020

# Table of Contents

Contents

[Table of Contents 1](#_Toc54594966)

[Software & Hardware Requirements 2](#_Toc54594967)

[Supported operating systems: 2](#_Toc54594968)

[Hardware requirements 2](#_Toc54594969)

[Getting started 3](#_Toc54594970)

[Initial setup 3](#_Toc54594971)

[Opportunities for Future Expansion 3](#_Toc54594972)

[WhatsApp Functionality 3](#_Toc54594973)

[Slip Functionality 3](#_Toc54594974)

[Database Schema 4](#_Toc54594975)

[Methods 4](#_Toc54594976)

[Time Journal 5](#_Toc54594977)

[Table of Figures 7](#_Toc54594978)

# Software & Hardware Requirements

## Supported operating systems:

Windows 10 version 1703 or higher: Home, Professional, Education, and Enterprise (LTSC and S are not supported)

Windows Server 2019: Standard and Datacenter

Windows Server 2016: Standard and Datacenter

Windows 8.1 Core, Professional, and Enterprise

Windows Server 2012 R2: Essentials, Standard, Datacenter

Windows 7 SP1: Home Premium, Professional, Enterprise, Ultimate

(64 bit recommended)

## Hardware requirements

1.8 GHz or faster processor. Quad-core or better recommended

2 GB of RAM;

Hard disk space: Minimum of 800MB

SSD recommended, or 7200rpm harddrive

Video card that supports a minimum display resolution of 720p (1280 x 720)

# Getting started

## Initial setup

This program, in it’s initial installation phase, will be installed on POS PC’s at the *Take One* movie theatre to simplify and manage ticket sales as well as maintaining the cinemas and movies.

Our team will handle the on-site installation of the system and keep our eye on the system for a few months after implementation in case technical help is required.

## Opportunities for Future Expansion

### WhatsApp Functionality

We wish to incorporate a WhatsApp functionality into our system at some point in the future that will send the client’s booking details directly to their phone, as well as a reminder a few minutes before the show starts so that the customers can start taking their seats. The functionality will include a QR code with the details of the booking.

### Slip Functionality

Due to COVID-19 we did not have access to additional hardware as we were all working from home, so therefore once *physical* installation is possible, we plan on implementing a receipt feature for physical copies of the bookings.

# Database Schema

Graphical user interface, application

Description automatically generated

# Methods

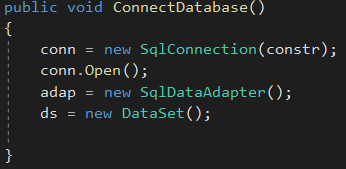
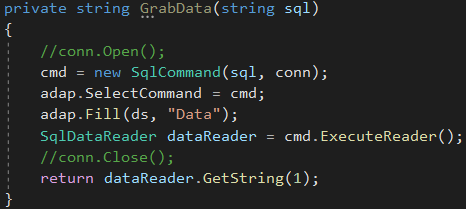


Figure - Connect to DB Method

Figure - Read Method

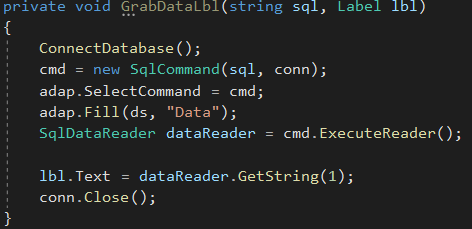
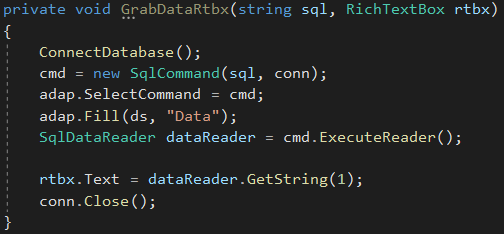
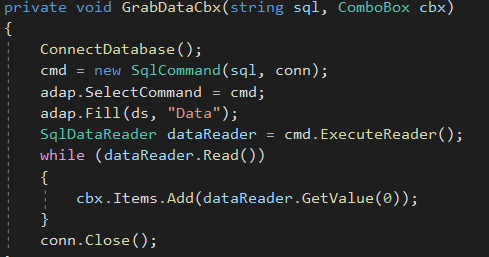


Figure - Read to ComboBox Method

Figure - Read to RichTextBox Method

Figure - Read to Label Method

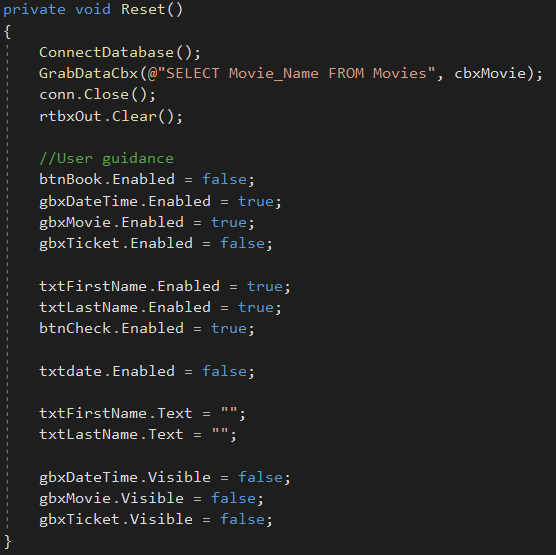


Figure - Reset Book Form

# Time Journal

Our team had some technical issues and had to reupload to a new repository on the 25th. Data from GitHub may not be 100% accurate.

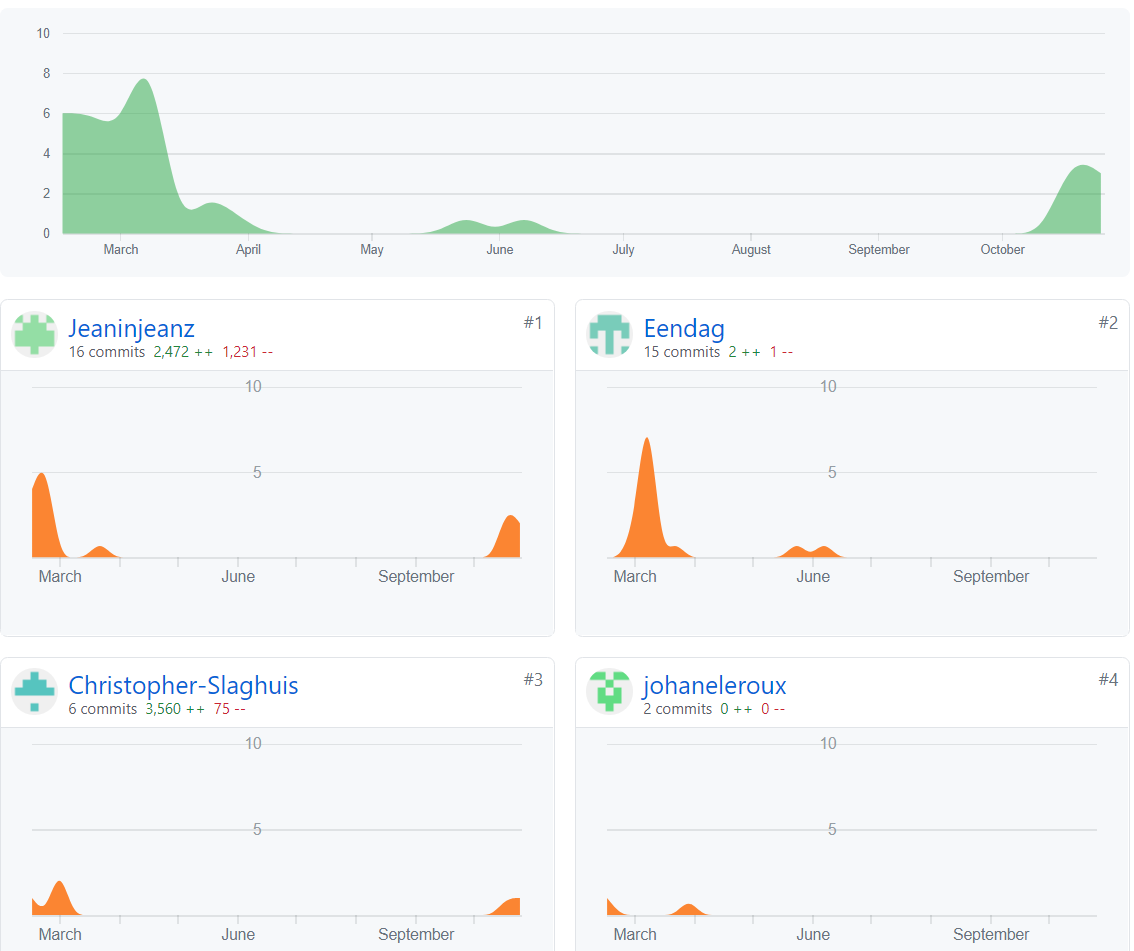
Please note Eendag (James Uys) and johaneleroux were members of our initial group.

Figure 7 - GitHub Contributions - First Repository

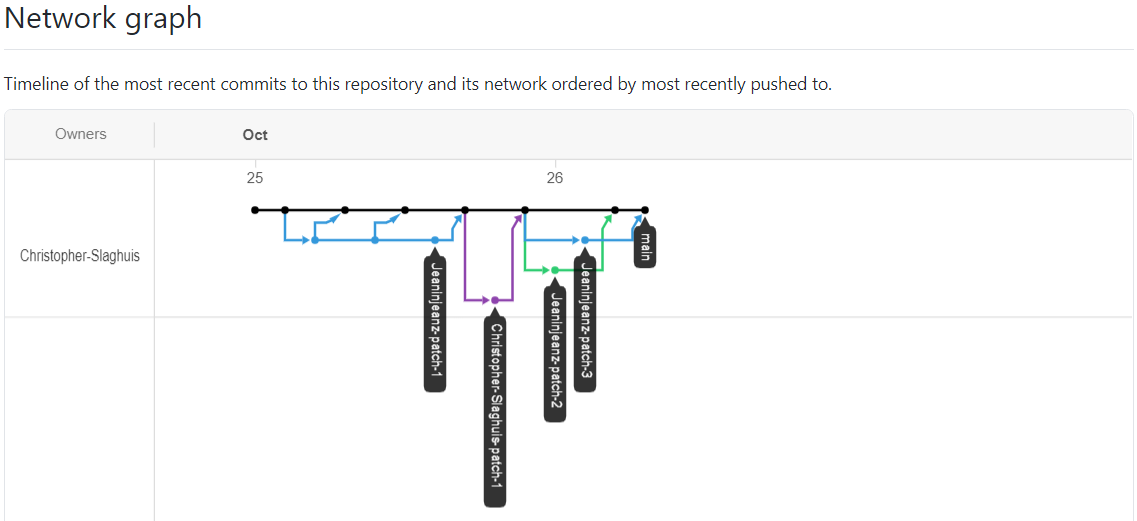
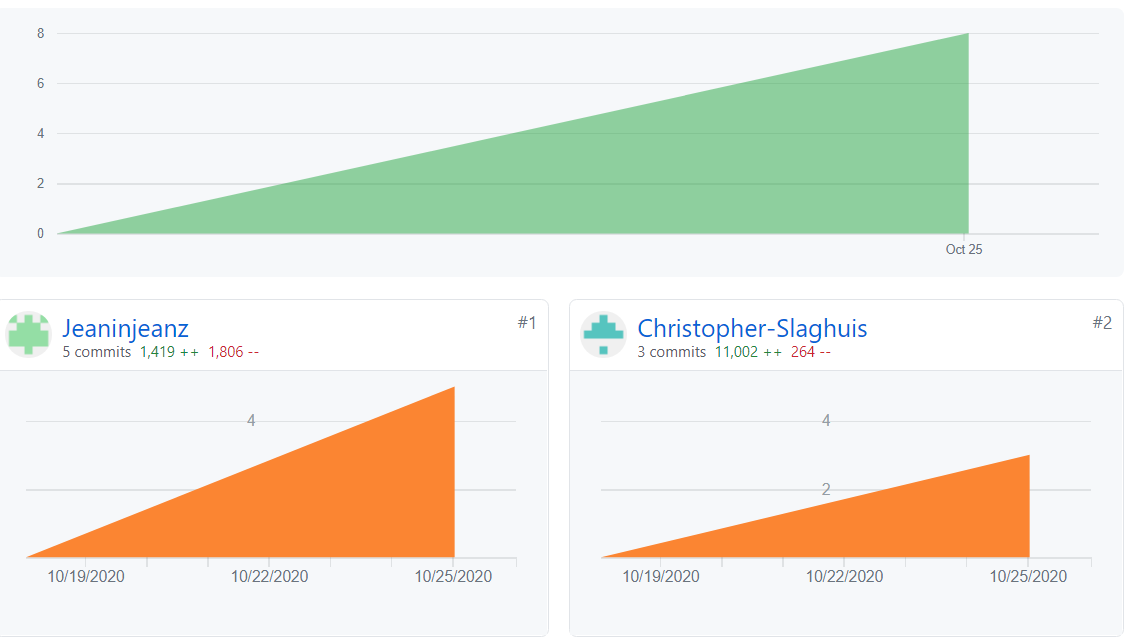
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Figure 8 - GitHub Contributions - Second Repository

Figure 9 - Network Graph - Second Repository

# Table of Figures

[Figure 1- Connect to DB Method 4](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595916)

[Figure 2 - Read Method 4](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595917)

[Figure 3 - Read to ComboBox Method 5](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595918)

[Figure 4 - Read to RichTextBox Method 5](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595919)

[Figure 5 - Read to Label Method 5](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595920)

[Figure 6 - Reset Book Form 6](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595921)

[Figure 7 - GitHub Contributions - First Repository 7](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595922)

[Figure 8 - GitHub Contributions - Second Repository 8](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595923)

[Figure 9 - Network Graph - Second Repository 8](file:///E:\Uni\CMPG223\Project\User%20Manual.docx#_Toc54595924)