

English Documentation

BusinessSysMan Project

FOSS for enterprise management

Organizations
Patrocinadores

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Recondicionadora Nacional; Retífica Dobber

Brasil, MG - Belo Horizonte, 2017

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Resumo

This project's main goal is make enterprises and employees management easier without any costs and with freedom to modifying and distributing it. Initially based on Qt - a cross-platform and multi-architecture widget framework - we seek maximum accessibility and compatibility besides the ease of learning and adaptation. Finally there'll be a safe solution system for business data storage for everyone that needs it. All files are available at [our repo on GitHub](#).

1 Methodology

1.1 Organization and Planning

The project was divided in 3 phases:

1. Planning;
2. Production and elaboration of test cases;
3. Conclusion and distribution.

1.1.1 Planning

In planning phase, we formulated diagrams to represent the program's structure, the lógica to be implemented and "drafts" of the planned look on the program's interface, while studying the tools to better solve the given problem.

1.1.2 Production and elaboration of test cases

Production and elaboration of test cases

1. elaboration of unit testing to guarantee stability and correspondence to the previously thought plan;
2. code developing guaranteeing the success of the testing;
3. code improvint for better readability and less processing complexity.

1.1.3 Conclusion and Distribution

In this step we shall run the program and multiple architectures studying its behaviour and checking for errors, and will then package it to bigger linux distribution.

1.2 Tools Used

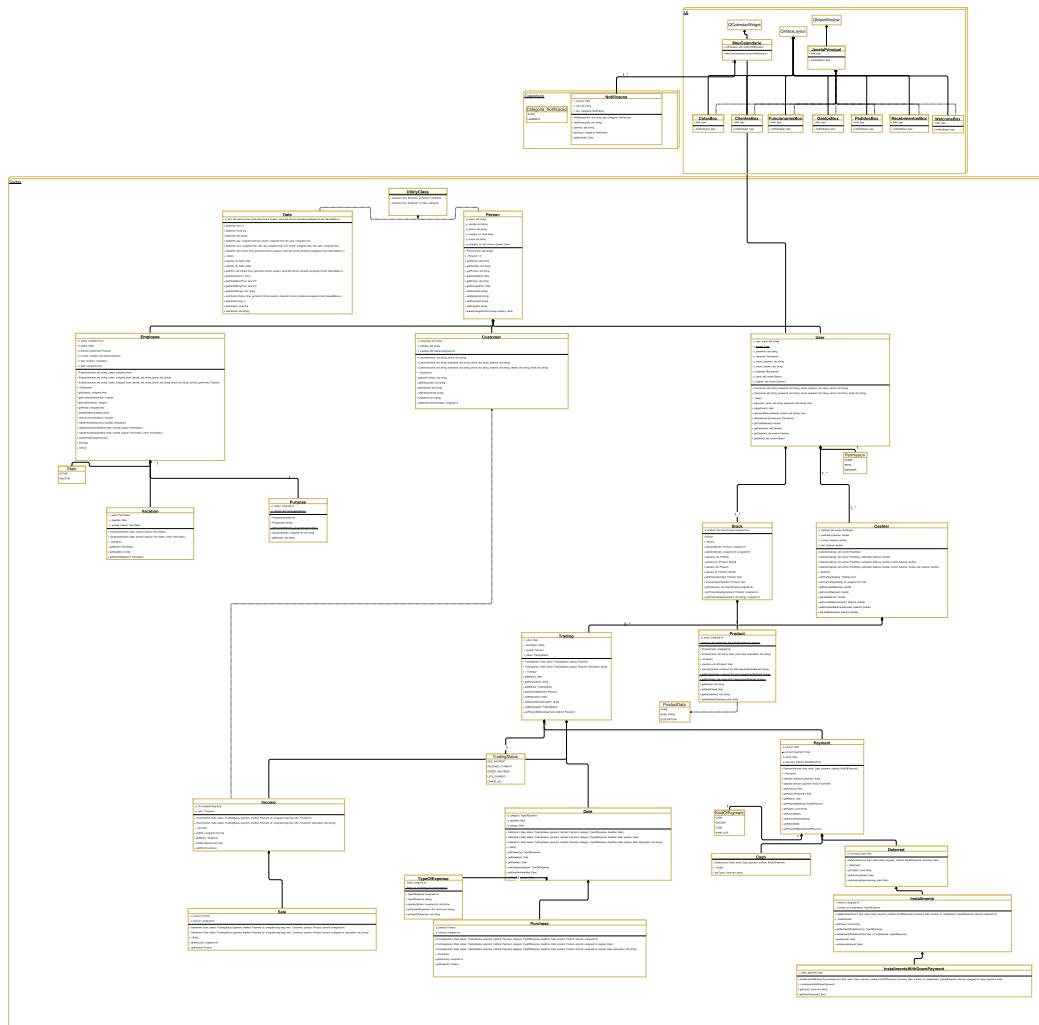
During the execution of the project, the use of many tools were needed. (listed in Chart 1).

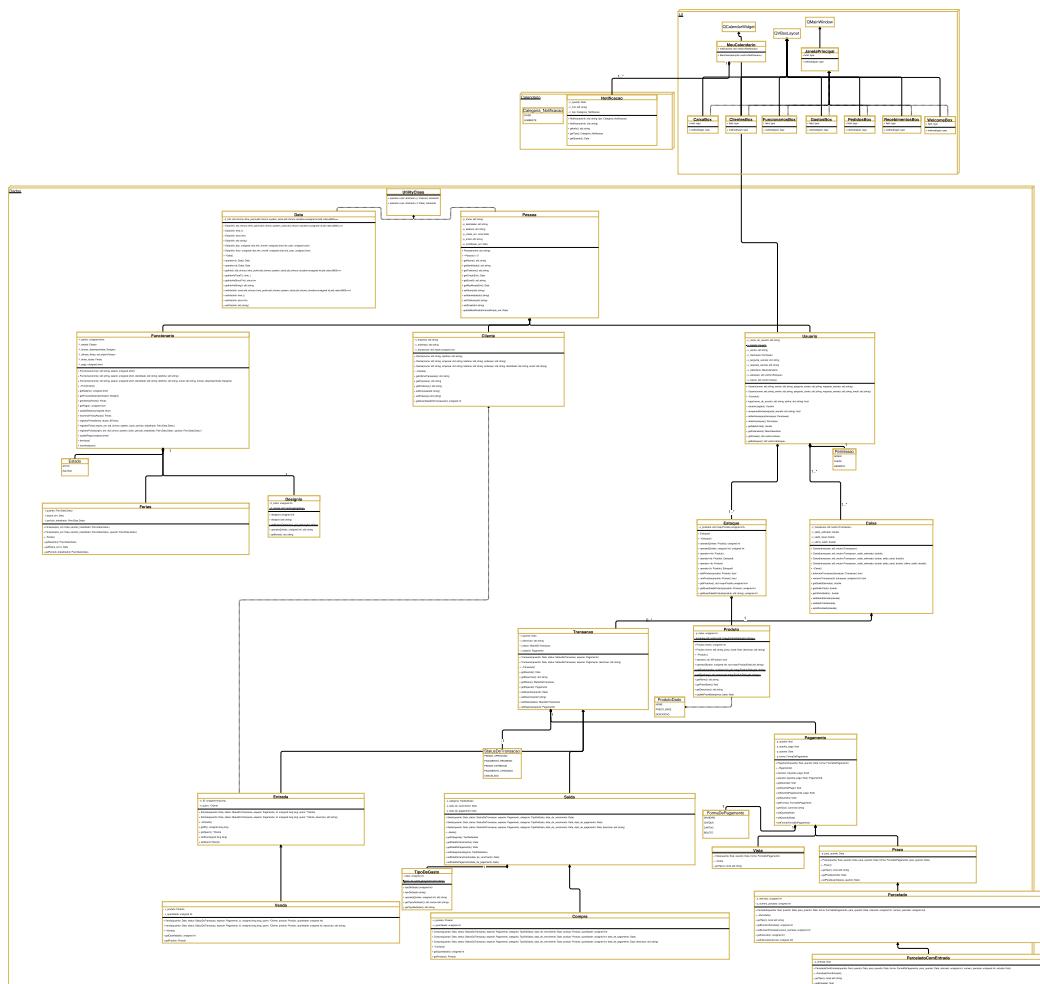
Name	Function	Função
Tex-Studio	Writing Documentation	Escrever Documentação
GoogleTest	Unit-testing	Teste unitário
cmake	Cross-platform compiling	Compilação multiplataforma
draw.io	UML Designer	Desenhar UML
tablesgenerator.com	Generate LaTeX tables	Gerador de tabelas LaTeX
Github	Version-control	Controle de Versão
IRC	Chatting and code sharing	Contato e compartilhamento de código

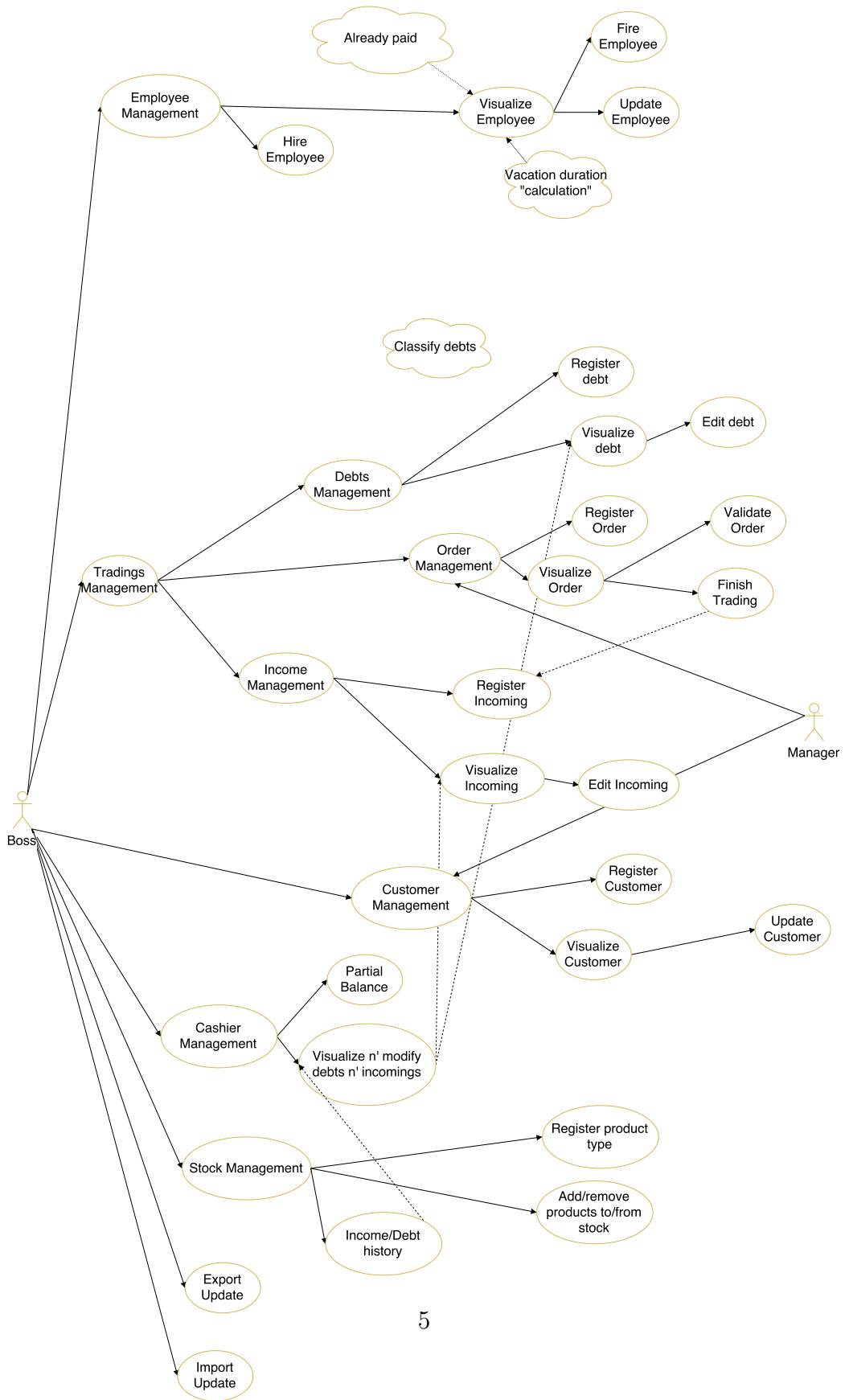
Tabela 1: Lista de Software e Ferramentas

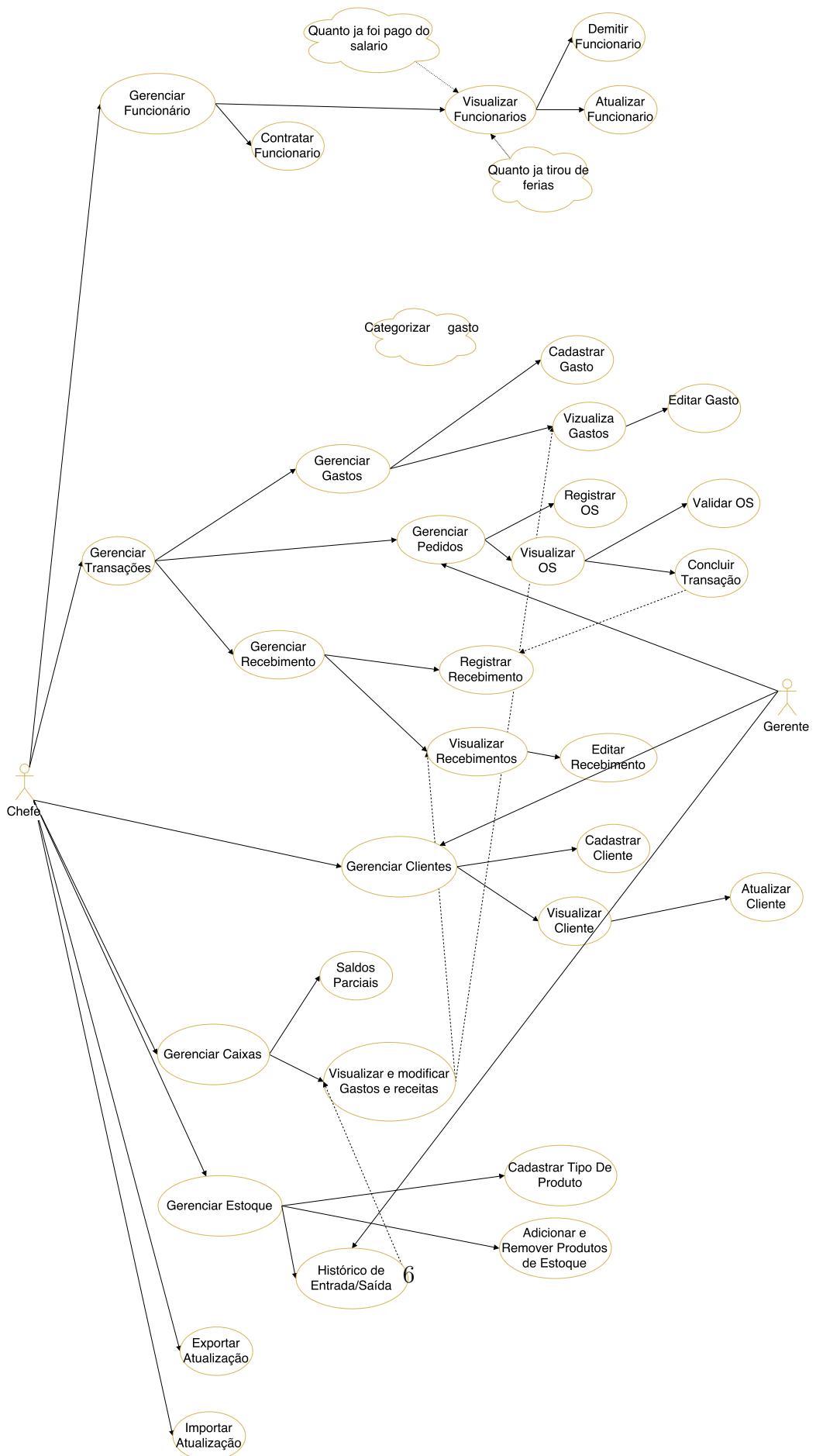
2 Diagrams, Licenses e Third-party source code

2.1 Diagrams









Cliente.png

quando for selecionado uma pesquisa sera utilizado
algoritmo de busca que possibilita a procura por
artigos parecidos

Visualizar Clientes																																															
Pesquisar Clientes																																															
<input type="text" value="caixa de pesquisa - nome, telefone, endereço, email, serviços"/>					<input type="button" value="Confirmar"/>																																										
Visualizar Clientes <table border="1"> <thead> <tr> <th>Nome</th> <th>Empresa</th> <th>Telefone</th> <th>Identidade</th> <th>Endereço</th> <th>Email</th> <th>Serviços Prestados</th> </tr> </thead> <tbody> <tr> <td>Víctor</td> <td>Prazer</td> <td>(31) 99950-0232</td> <td>123.123.123-00</td> <td>Rua Belaria, 23 - Oeste Prest., Belo Horizonte</td> <td>victorvh@gmail.com</td> <td>02, 03, 04</td> </tr> <tr> <td>Víctor</td> <td>Prazer</td> <td>(31) 99950-0232</td> <td>123.123.123-00</td> <td>Rua Belaria, 23 - Oeste Prest., Belo Horizonte</td> <td>victorvh@gmail.com</td> <td>02, 03, 04</td> </tr> <tr> <td>Víctor</td> <td>Prazer</td> <td>(31) 99950-0232</td> <td>123.123.123-00</td> <td>Rua Belaria, 23 - Oeste Prest., Belo Horizonte</td> <td>victorvh@gmail.com</td> <td>02, 03, 04</td> </tr> <tr> <td>Víctor</td> <td>Prazer</td> <td>(31) 99950-0232</td> <td>123.123.123-00</td> <td>Rua Belaria, 23 - Oeste Prest., Belo Horizonte</td> <td>victorvh@gmail.com</td> <td>02, 03, 04</td> </tr> <tr> <td>Víctor</td> <td>Prazer</td> <td>(31) 99950-0232</td> <td>123.123.123-00</td> <td>Rua Belaria, 23 - Oeste Prest., Belo Horizonte</td> <td>victorvh@gmail.com</td> <td>02, 03, 04</td> </tr> </tbody> </table>						Nome	Empresa	Telefone	Identidade	Endereço	Email	Serviços Prestados	Víctor	Prazer	(31) 99950-0232	123.123.123-00	Rua Belaria, 23 - Oeste Prest., Belo Horizonte	victorvh@gmail.com	02, 03, 04	Víctor	Prazer	(31) 99950-0232	123.123.123-00	Rua Belaria, 23 - Oeste Prest., Belo Horizonte	victorvh@gmail.com	02, 03, 04	Víctor	Prazer	(31) 99950-0232	123.123.123-00	Rua Belaria, 23 - Oeste Prest., Belo Horizonte	victorvh@gmail.com	02, 03, 04	Víctor	Prazer	(31) 99950-0232	123.123.123-00	Rua Belaria, 23 - Oeste Prest., Belo Horizonte	victorvh@gmail.com	02, 03, 04	Víctor	Prazer	(31) 99950-0232	123.123.123-00	Rua Belaria, 23 - Oeste Prest., Belo Horizonte	victorvh@gmail.com	02, 03, 04
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<input type="button" value="Cadastrar Cliente"/>																																															

Obs: Sera possível ordenar os clientes por cada item da lista
Obs: Todas as datas serão inseridas através de um calendário

Funcionario.png

Clicando sera possivel editar informações do funcionário
- obs: será redirecionado para a mesma tela de contratar funcionários,
informando já essa com os dados amigos ja preenchidos

Visualizar Funcionários																																																													
Pesquisar Funcionários																																																													
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<input type="button" value="Adicionar Férias"/> <input type="button" value="Deletar Funcionário"/> <input type="button" value="Cadastrar Funcionário"/>																																																													

Os botões irão aparecer apenas quando um funcionário for selecionado

Obs: Será possível ordenar os funcionários por cada item da lista
Obs: Todas as datas serão inseridas através de um calendário

Gastos.png

Obs: Para confirmar o pagamento sera necessário inserir data de pagamento

Obrigado sera possível cadastrar informações de gastos.

Obs: Sera redirecionado para a mesma tela de Cadastrar gastos, entretanto já esta com os dados antigos já preenchidos.

Pedidos.png

Terá uma "botão" que permitirá cadastrar novos pedidos

Filtros de Pedidos

Pedidos pendentes Pedidos recebidos Pedidos atendidos Pedidos cancelados Todos os pedidos

Status do Pedido	Cliente	Data de Entrada	Nº OS	Preço	Descrição do Serviço
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234
Pendente	Victor	27/09/2017	09	R\$230,00	Refinhar cabeçote do modelo ADGE-234

Modificar Status do Pedido | Cadastrar Pedido

Adicionar Pedido

Cliente: Victor | Confirmar Contato

Nº da OS:
Preço Estipulado:
Descrição:

Confirmar Cadastro

Modificar Status de Pedido

Descrição do Pedido:
Cliente: Victor
Data de Entrada: 27/09/2017
Nº da OS: 09
Preço Estipulado: R\$230,00
Descrição do Serviço: Refinhar cabeçote do modelo ADGE-234

Status:
 Pendente
 Recebido
 Atendido
 Cancelado

Confirmar Status

Confirmar Status

Confirmar novo status
Valor Recibido:
 Confirmar | Cancelar

2.2 Licença

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Version 3, 29 June 2007

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2.3 Third-party source code used in our software

Nothing for now...

3 Tutorials and FAQ

3.1 How to contribute to the project?

The contribution can be made by different ways:

1. Using and reporting bugs, or suggestion features to be incorporated into the program;
2. Contributing informally: in case you already own any codes to be incorporated to the program, don't lose your time with formalities, send a pull request and one of our contributors shall study it and accept it if it meet our needs;
3. Contributing formally: you can also become one of our formal collaborators! Just contact one of our organizers (Primary157, MessiahG), for more information on how to contact us, go to the "How to contact the organizers?" section.

3.2 How to contact the organizers?

The following lists points the contacts that we created exclusively to this project's audience:

1. IRC channel: #businesssysman(freenode)

If you were not answered the way you expected or did not receive any answers, we also provide a list to contact each of us individually:

3.2.1 MessiahG

1. Email: fadoa.glauss@gmail.com
2. Github: fadoaglauss

3.2.2 Primary157

1. Email: victorgvbh@gmail.com
2. IRC: vgveloso(on freenode)
3. Github: primary157
4. Twitter: v_gveloso

3.3 When will it be concluded?

Its too soon to think on a conclusion, but even when we meet the goals from the beginning of the project, we will still be active, developing more goals to better serve the business audience.

3.4 How to I install this software?

Unfortunately we still do not have an useable version of the program. But don't get your hopes down! We will keep you up-to-date with what's happening in the project through Twitter and Facebook!

3.5 How do I use this software?

As soon as it reaches an useable version, you will find an user's manual here!

3.6 How to adopt this software to my company? Is there any technical support?

Unfortunately we can't confirm if we will ever get to offer technical support, but if that day ever comes, we will inform it through social media.

3.7 I have already downloaded and used it, but i found problems or thought of features that could be added. How to I get in contact?

Look in subsection "How to contribute to the project?" a few lines above!

3.8 What's the advantage of using this software?

You are contributing to a community of developers that look for making the implementation of company administration tech more accessible. You are also saving money, for this software is completely free.

3.9 Why C++, Qt and SQLite?

Our team pursues the best possible results, even if development prices and costs are bigger. That being said, we chose C++ because it's a high level, compilable language that empowers the developer.

As we search for accessibility, there is nothing more interesting than being capable of running the software in any architecture or OS. For that, we chose Qt framework, which offers the forementioned characteristics while guaranteeing the same looks and functionalities in every system, this framework has a version with completely free license and promises to deliver a nice looking responsive interface.

4 References

5 Special Thanks

Thanks to all who supported the creation and elaboration of this project, without your help it would now be preparing of its final rest in a dusty drawer.

For those who enter later in the project, we have not forgotten you. If your name isn't in the following list, make a pull request adding it.

Developed by: Amaury, ZecaTapado, FadoaGlauss, Primary157, Astopho, Ramon, Daniel, Gabriel, Indiana, Lucas, Pedro, Zenon.