MainAssignment Reference Manual

Generated by Doxygen 1.4.5

Tue Dec 12 22:32:14 2017

Contents

1 MainAssignment Namespace Index **1**

1.1 MainAssignment Namespace List 1

2 MainAssignment Class Index **3**

2.1 MainAssignment Class List 3

3 MainAssignment File Index **5**

3.1 MainAssignment File List 5

4 MainAssignment Namespace Documentation **7**

4.1 std Namespace Reference 7

5 MainAssignment Class Documentation **9**

5.1 Afhending Class Reference 9

5.2 AfhendingUI Class Reference 11

5.3 Baker Class Reference 12

5.4 BakerUI Class Reference 14

5.5 client Class Reference 16

5.6 MissingLocationException Class Reference 18

5.7 OpenOrders Class Reference 19

5.8 Pizza Class Reference 20

5.9 PizzaCrust Class Reference 22

5.10 PizzaExtras Class Reference 23

5.11 PizzaHelper Class Reference 24

5.12 PizzaLocations Class Reference 25

5.13 PizzaMenu Class Reference 26

5.14 PizzaSize Class Reference 27

5.15 PizzaToppings Class Reference 28
5.16 readWriteClass Class Reference 29
5.17 Sala Class Reference 31
5.18 SalaUI Class Reference 35
5.19 UIHelper Class Reference 36
5.20 Umsjon Class Reference 37
5.21 UmsjonUI Class Reference 39

6 MainAssignment File Documentation **41**
6.1 Afhending.cpp File Reference 41
6.2 Afhending.h File Reference 42
6.3 AfhendingUI.cpp File Reference 43
6.4 AfhendingUI.h File Reference 44
6.5 Baker.cpp File Reference 45
6.6 Baker.h File Reference 46
6.7 BakerUI.cpp File Reference 47
6.8 BakerUI.h File Reference 48
6.9 client.cpp File Reference 49
6.10 client.h File Reference 50
6.11 main.cpp File Reference 51
6.12 MissingLocationException.cpp File Reference 52
6.13 MissingLocationException.h File Reference 53
6.14 OpenOrders.cpp File Reference 54
6.15 OpenOrders.h File Reference 55
6.16 Pizza.cpp File Reference 56
6.17 Pizza.h File Reference 57
6.18 pizzacrust.cpp File Reference 58
6.19 pizzacrust.h File Reference 59
6.20 pizzaextras.cpp File Reference 60
6.21 pizzaextras.h File Reference 61
6.22 PizzaHelper.cpp File Reference 62
6.23 PizzaHelper.h File Reference 63
6.24 pizzalocations.cpp File Reference 64
6.25 pizzalocations.h File Reference 65

6.26 pizzamenu.cpp File Reference 66
6.27 pizzamenu.h File Reference 67
6.28 PizzaSize.cpp File Reference 68
6.29 PizzaSize.h File Reference 69
6.30 pizzatoppings.cpp File Reference 70
6.31 pizzatoppings.h File Reference 71
6.32 readWriteClass.cpp File Reference 72
6.33 readWriteClass.h File Reference 73
6.34 Sala.cpp File Reference 74
6.35 Sala.h File Reference 75
6.36 SalaUI.cpp File Reference 76
6.37 SalaUI.h File Reference 77
6.38 UIHelper.cpp File Reference 78
6.39 UIHelper.h File Reference 79
6.40 Umsjon.cpp File Reference 80
6.41 Umsjon.h File Reference 81
6.42 UmsjonUI.cpp File Reference 82
6.43 UmsjonUI.h File Reference 83

Chapter 1

MainAssignment Namespace Index

1.1 MainAssignment Namespace List

Here is a list of all namespaces with brief descriptions:

std 7

Chapter 2

MainAssignment Class Index

2.1 MainAssignment Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

Afhending 9
AfhendingUI 11
Baker 12
BakerUI 14
client 16
MissingLocationException 18
OpenOrders 19
Pizza 20
PizzaCrust 22
PizzaExtras 23
PizzaHelper 24
PizzaLocations 25
PizzaMenu 26
PizzaSize 27
PizzaToppings 28
readWriteClass 29
Sala 31
SalaUI 35
UIHelper 36
Umsjon 37
UmsjonUI 39

Chapter 3

MainAssignment File Index

3.1 MainAssignment File List

Here is a list of all files with brief descriptions:

Afhending.cpp . . . 41
Afhending.h . . . 42
AfhendingUI.cpp . . . 43
AfhendingUI.h . . . 44
Baker.cpp . . . 45
Baker.h . . . 46
BakerUI.cpp . . . 47
BakerUI.h . . . 48
client.cpp . . . 49
client.h . . . 50
main.cpp . . . 51
MissingLocationException.cpp . . . 52
MissingLocationException.h . . . 53
OpenOrders.cpp . . . 54
OpenOrders.h . . . 55
Pizza.cpp . . . 56
Pizza.h . . . 57
pizzacrust.cpp . . . 58
pizzacrust.h . . . 59
pizzaextras.cpp . . . 60
pizzaextras.h . . . 61
PizzaHelper.cpp . . . 62
PizzaHelper.h . . . 63
pizzalocations.cpp . . . 64
pizzalocations.h . . . 65
pizzamenu.cpp . . . 66
pizzamenu.h . . . 67
PizzaSize.cpp . . . 68
PizzaSize.h . . . 69

pizzatoppings.cpp 70
pizzatoppings.h 71
readWriteClass.cpp 72
readWriteClass.h 73
Sala.cpp 74
Sala.h 75
SalaUI.cpp 76
SalaUI.h 77
UIHelper.cpp 78
UIHelper.h 79
Umsjon.cpp 80
Umsjon.h 81
UmsjonUI.cpp 82
UmsjonUI.h 83

Chapter 4

MainAssignment Namespace Documentation

4.1 std Namespace Reference

Chapter 5

MainAssignment Class Documentation

5.1 Afhending Class Reference

`#include <Afhending.h>`

Public Member Functions

- Afhending ()
- virtual ~Afhending ()
- void setAfhendingLocation (char currentLocation[32])
- vector< PizzaLocations > getPizzaLocations ()
- vector< client > getCustomerVec ()
- vector< Pizza > getOrderVec (unsigned int customersVecNumber)
- void deliverOrder (unsigned int customersVecNumber)
- string getAfhendingLocation ()

Private Attributes

- char afhendingLocation [32]
- vector< client > customersVec

5.1.1 Constructor & Destructor Documentation

5.1.1.1 Afhending::Afhending ()

5.1.1.2 Afhending::~Afhending () [virtual]

5.1.2 Member Function Documentation

5.1.2.1 void Afhending::deliverOrder (unsigned int *customersVecNumber*)

5.1.2.2 string Afhending::getAfhendingLocation ()

5.1.2.3 vector< client > Afhending::getCustomerVec ()

5.1.2.4 vector< Pizza > Afhending::getOrderVec (unsigned int *customersVecNumber*)

5.1.2.5 vector< PizzaLocations > Afhending::getPizzaLocations ()

5.1.2.6 void Afhending::setAfhendingLocation (char *currentLocation*[32])

5.1.3 Member Data Documentation

5.1.3.1 char Afhending::afhendingLocation[32] [private]

5.1.3.2 vector<client> Afhending::customersVec [private]

The documentation for this class was generated from the following files:

- Afhending.h
- Afhending.cpp

5.2 AfhendingUI Class Reference

`#include <AfhendingUI.h>`

Public Member Functions

- AfhendingUI ()
- virtual ~AfhendingUI ()
- void main ()
- bool pickLocation ()
- void displayAllCustomers (bool show)
- void displayCustomerOrder (unsigned int customerNumber)

Private Attributes

- Afhending afhending
- UIHelper helperUI

5.2.1 Constructor & Destructor Documentation

5.2.1.1 AfhendingUI::AfhendingUI ()

5.2.1.2 AfhendingUI::~AfhendingUI () [virtual]

5.2.2 Member Function Documentation

5.2.2.1 void AfhendingUI::displayAllCustomers (bool *show*)

5.2.2.2 void AfhendingUI::displayCustomerOrder (unsigned int *customerNumber*)

5.2.2.3 void AfhendingUI::main ()

5.2.2.4 bool AfhendingUI::pickLocation ()

5.2.3 Member Data Documentation

5.2.3.1 Afhending AfhendingUI::afhending [private]

5.2.3.2 UIHelper AfhendingUI::helperUI [private]

The documentation for this class was generated from the following files:

- AfhendingUI.h
- AfhendingUI.cpp

5.3 Baker Class Reference

`#include <Baker.h>`

Public Member Functions

- Baker ()
- virtual ~Baker ()
- void setBakerLocation (char currentLocation[32])
- vector< client > getCustomerVec ()
- vector< client > getCustomersVecInProgress ()
- vector< client > getCustomersVecDueProgress ()
- vector< Pizza > getOrderVec (unsigned int customersVecNumber)
- vector< Pizza > getCustomersOrderDueProgress (unsigned int customerNumber)
- vector< Pizza > getCustomersOrderInProgress (unsigned int customerNumber)
- vector< PizzaLocations > getPizzaLocations ()
- string getBakerLocation ()
- void workOnOrder (unsigned int customersVecNumber)
- void finishOrder (unsigned int customerID)

Private Attributes

- vector< client > customersVec
- vector< client > customersVecInProgress
- vector< client > customersVecDueProgress
- char bakerLocation [32]

5.3.1 Constructor & Destructor Documentation

5.3.1.1 Baker::Baker ()

5.3.1.2 Baker::~Baker () [virtual]

5.3.2 Member Function Documentation

5.3.2.1 void Baker::finishOrder (unsigned int *customerID*)

5.3.2.2 string Baker::getBakerLocation ()

5.3.2.3 vector< Pizza > Baker::getCustomersOrderDueProgress (unsigned int *customerNumber*)

5.3.2.4 vector< Pizza > Baker::getCustomersOrderInProgress (unsigned int *customerNumber*)

5.3.2.5 vector< client > Baker::getCustomersVecDueProgress ()

5.3.2.6 vector< client > Baker::getCustomersVecInProgress ()

5.3.2.7 vector< client > Baker::getCustomerVec ()

5.3.2.8 vector< Pizza > Baker::getOrderVec (unsigned int *customersVecNumber*)

5.3.2.9 vector< PizzaLocations > Baker::getPizzaLocations ()

5.3.2.10 void Baker::setBakerLocation (char *currentLocation*[32])

5.3.2.11 void Baker::workOnOrder (unsigned int *customersVecNumber*)

5.3.3 Member Data Documentation

5.3.3.1 char Baker::bakerLocation[32] [private]

5.3.3.2 vector<client> Baker::customersVec [private]

5.3.3.3 vector<client> Baker::customersVecDueProgress [private]

5.3.3.4 vector<client> Baker::customersVecInProgress [private]

The documentation for this class was generated from the following files:

- Baker.h
- Baker.cpp

5.4 BakerUI Class Reference

`#include <BakerUI.h>`

Public Member Functions

- BakerUI ()
- virtual ~BakerUI ()
- void main ()
- void displayAllOrders ()
- void displayCustomerDueProgress ()
- void displayCustomerInProgress ()
- void displayCustomerDueProgressOrder (unsigned int customerNumber)
- void displayCustomerInProgressOrder (unsigned int customerNumber)
- bool pickLocation ()

Private Attributes

- Baker baker
- UIHelper helperUI

5.4.1 Constructor & Destructor Documentation

5.4.1.1 BakerUI::BakerUI ()

5.4.1.2 BakerUI::~BakerUI () [virtual]

5.4.2 Member Function Documentation

5.4.2.1 void BakerUI::displayAllOrders ()

5.4.2.2 void BakerUI::displayCustomerDueProgress ()

5.4.2.3 void BakerUI::displayCustomerDueProgressOrder (unsigned int *customerNumber*)

5.4.2.4 void BakerUI::displayCustomerInProgress ()

5.4.2.5 void BakerUI::displayCustomerInProgressOrder (unsigned int *customerNumber*)

5.4.2.6 void BakerUI::main ()

5.4.2.7 bool BakerUI::pickLocation ()

5.4.3 Member Data Documentation

5.4.3.1 Baker BakerUI::baker [private]

5.4.3.2 UIHelper BakerUI::helperUI [private]

The documentation for this class was generated from the following files:

- BakerUI.h
- BakerUI.cpp

5.5 client Class Reference

`#include <client.h>`

Public Member Functions

- client ()
- virtual ~client ()

Public Attributes

- char name [64]
- char address [32]
- int addressNumber
- bool inProgress
- bool finished
- bool orderPaid
- bool orderDelivered
- bool deliverOrder
- int sumOfOrder
- unsigned int orderCounter

Friends

- ostream & operator<< (ostream &outs, client &customer)

5.5.1 Constructor & Destructor Documentation

5.5.1.1 client::client ()

5.5.1.2 client::~client () [virtual]

5.5.2 Friends And Related Function Documentation

5.5.2.1 ostream& operator<< (ostream & *outs*, client & *customer*) [friend]

5.5.3 Member Data Documentation

5.5.3.1 char client::address[32]

5.5.3.2 int client::addressNumber

5.5.3.3 bool client::deliverOrder

5.5.3.4 bool client::finished

5.5.3.5 bool client::inProgress

5.5.3.6 char client::name[64]

5.5.3.7 unsigned int client::orderCounter

5.5.3.8 bool client::orderDelivered

5.5.3.9 bool client::orderPaid

5.5.3.10 int client::sumOfOrder

The documentation for this class was generated from the following files:

- client.h
- client.cpp

5.6 MissingLocationException Class Reference

`#include <MissingLocationException.h>`

Public Member Functions

- MissingLocationException (string message)
- virtual ~MissingLocationException ()
- string getMessage ()

Private Attributes

- string message

5.6.1 Constructor & Destructor Documentation

5.6.1.1 MissingLocationException::MissingLocationException (string *message*)

5.6.1.2 MissingLocationException::~MissingLocationException () [virtual]

5.6.2 Member Function Documentation

5.6.2.1 string MissingLocationException::getMessage ()

5.6.3 Member Data Documentation

5.6.3.1 string MissingLocationException::message [private]

The documentation for this class was generated from the following files:

- MissingLocationException.h
- MissingLocationException.cpp

5.7 OpenOrders Class Reference

`#include <OpenOrders.h>`

Public Member Functions

- OpenOrders ()
- virtual ~OpenOrders ()

5.7.1 Constructor & Destructor Documentation

5.7.1.1 OpenOrders::OpenOrders ()

5.7.1.2 OpenOrders::~OpenOrders () `[virtual]`

The documentation for this class was generated from the following files:

- OpenOrders.h
- OpenOrders.cpp

5.8 Pizza Class Reference

`#include <Pizza.h>`

Public Member Functions

- Pizza ()
- virtual ~Pizza ()
- int calculateSumOfOrder ()

Public Attributes

- vector< PizzaToppings > ptoppings
- vector< PizzaSize > psize
- vector< PizzaCrust > pcrust
- vector< PizzaExtras > pextras
- vector< PizzaMenu > pmenu
- vector< PizzaLocations > plocations

Friends

- ostream & operator<< (ostream &out, Pizza &p)

5.8.1 Constructor & Destructor Documentation

5.8.1.1 Pizza::Pizza ()

5.8.1.2 Pizza::~Pizza () `[virtual]`

5.8.2 Member Function Documentation

5.8.2.1 int Pizza::calculateSumOfOrder ()

Calculate sum of current order

5.8.3 Friends And Related Function Documentation

5.8.3.1 ostream& operator<< (ostream & *out*, Pizza & *p*) [friend]

5.8.4 Member Data Documentation

5.8.4.1 vector<PizzaCrust> Pizza::pcrust

5.8.4.2 vector<PizzaExtras> Pizza::pextras

5.8.4.3 vector<PizzaLocations> Pizza::plocations

5.8.4.4 vector<PizzaMenu> Pizza::pmenu

5.8.4.5 vector<PizzaSize> Pizza::psize

5.8.4.6 vector<PizzaToppings> Pizza::ptoppings

The documentation for this class was generated from the following files:

- Pizza.h
- Pizza.cpp

5.9 PizzaCrust Class Reference

`#include <pizzacrust.h>`

Public Member Functions

- PizzaCrust ()

Public Attributes

- int price
- char crust_type [32]

Friends

- ostream & operator<< (ostream &outs, PizzaCrust &p_crust)

5.9.1 Constructor & Destructor Documentation

5.9.1.1 PizzaCrust::PizzaCrust ()

5.9.2 Friends And Related Function Documentation

5.9.2.1 ostream& operator<< (ostream & *outs*, PizzaCrust & *p_crust*) [friend]

5.9.3 Member Data Documentation

5.9.3.1 char PizzaCrust::crust_type[32]

5.9.3.2 int PizzaCrust::price

The documentation for this class was generated from the following files:

- pizzacrust.h
- pizzacrust.cpp

5.10 PizzaExtras Class Reference

`#include <pizzaextras.h>`

Public Member Functions

- PizzaExtras ()
- virtual ~PizzaExtras ()

Public Attributes

- int price
- char extras_type [32]

Friends

- ostream & operator<< (ostream &outs, PizzaExtras &p_extras)

5.10.1 Constructor & Destructor Documentation

5.10.1.1 PizzaExtras::PizzaExtras ()

5.10.1.2 PizzaExtras::~PizzaExtras () [virtual]

5.10.2 Friends And Related Function Documentation

5.10.2.1 ostream& operator<< (ostream & *outs*, PizzaExtras & *p_extras*) [friend]

5.10.3 Member Data Documentation

5.10.3.1 char PizzaExtras::extras_type[32]

5.10.3.2 int PizzaExtras::price

The documentation for this class was generated from the following files:

- pizzaextras.h
- pizzaextras.cpp

5.11 PizzaHelper Class Reference

`#include <PizzaHelper.h>`

Public Member Functions

- PizzaHelper ()
- virtual ~PizzaHelper ()

Public Attributes

- unsigned int crustCounter
- unsigned int toppingsCounter
- unsigned int extrasCounter
- unsigned int menuCounter
- unsigned int locationCounter
- unsigned int sizeCounter

5.11.1 Constructor & Destructor Documentation

5.11.1.1 PizzaHelper::PizzaHelper ()

5.11.1.2 PizzaHelper::~PizzaHelper () `[virtual]`

5.11.2 Member Data Documentation

5.11.2.1 unsigned int PizzaHelper::crustCounter

5.11.2.2 unsigned int PizzaHelper::extrasCounter

5.11.2.3 unsigned int PizzaHelper::locationCounter

5.11.2.4 unsigned int PizzaHelper::menuCounter

5.11.2.5 unsigned int PizzaHelper::sizeCounter

5.11.2.6 unsigned int PizzaHelper::toppingsCounter

The documentation for this class was generated from the following files:

- PizzaHelper.h
- PizzaHelper.cpp

5.12 PizzaLocations Class Reference

`#include <pizzalocations.h>`

Public Member Functions

- PizzaLocations ()
- virtual ~PizzaLocations ()

Public Attributes

- char place [32]

Friends

- ostream & operator<< (ostream &outs, PizzaLocations &p_locations)

5.12.1 Constructor & Destructor Documentation

5.12.1.1 PizzaLocations::PizzaLocations ()

5.12.1.2 PizzaLocations::~PizzaLocations () [virtual]

5.12.2 Friends And Related Function Documentation

5.12.2.1 ostream& operator<< (ostream & *outs*, PizzaLocations & *p_locations*) [friend]

5.12.3 Member Data Documentation

5.12.3.1 char PizzaLocations::place[32]

The documentation for this class was generated from the following files:

- pizzalocations.h
- pizzalocations.cpp

5.13 PizzaMenu Class Reference

`#include <pizzamenu.h>`

Public Member Functions

- PizzaMenu ()
- virtual ~PizzaMenu ()

Public Attributes

- double price
- char choose_pizza [32]
- char toppings [128]

Friends

- ostream & operator<< (ostream &outs, PizzaMenu &p_menu)

5.13.1 Constructor & Destructor Documentation

5.13.1.1 PizzaMenu::PizzaMenu ()

5.13.1.2 PizzaMenu::~PizzaMenu () [virtual]

5.13.2 Friends And Related Function Documentation

5.13.2.1 ostream& operator<< (ostream & *outs*, PizzaMenu & *p_menu*) [friend]

5.13.3 Member Data Documentation

5.13.3.1 char PizzaMenu::choose_pizza[32]

5.13.3.2 double PizzaMenu::price

5.13.3.3 char PizzaMenu::toppings[128]

The documentation for this class was generated from the following files:

- pizzamenu.h
- pizzamenu.cpp

5.14 PizzaSize Class Reference

`#include <PizzaSize.h>`

Public Member Functions

- PizzaSize ()
- virtual ~PizzaSize ()

Public Attributes

- int price
- char p_size [32]

Friends

- ostream & operator<< (ostream &outs, PizzaSize &p_size)

5.14.1 Constructor & Destructor Documentation

5.14.1.1 PizzaSize::PizzaSize ()

5.14.1.2 PizzaSize::~PizzaSize () [virtual]

5.14.2 Friends And Related Function Documentation

5.14.2.1 ostream& operator<< (ostream & *outs*, PizzaSize & *p_size*) [friend]

5.14.3 Member Data Documentation

5.14.3.1 char PizzaSize::p_size[32]

5.14.3.2 int PizzaSize::price

The documentation for this class was generated from the following files:

- PizzaSize.h
- PizzaSize.cpp

5.15 PizzaToppings Class Reference

`#include <pizzatoppings.h>`

Public Member Functions

- PizzaToppings ()
- virtual ~PizzaToppings ()

Public Attributes

- int price
- char toppings [32]

Friends

- ostream & operator<< (ostream &outs, PizzaToppings &p_toppings)

5.15.1 Constructor & Destructor Documentation

5.15.1.1 PizzaToppings::PizzaToppings ()

5.15.1.2 PizzaToppings::~PizzaToppings () [virtual]

5.15.2 Friends And Related Function Documentation

5.15.2.1 ostream& operator<< (ostream & *outs*, PizzaToppings & *p_toppings*) [friend]

5.15.3 Member Data Documentation

5.15.3.1 int PizzaToppings::price

5.15.3.2 char PizzaToppings::toppings[32]

The documentation for this class was generated from the following files:

- pizzatoppings.h
- pizzatoppings.cpp

5.16 readWriteClass Class Reference

`#include <readWriteClass.h>`

Public Member Functions

- readWriteClass ()
- virtual ~readWriteClass ()
- template<class pizzaClass> void writeClassToFile (pizzaClass &classToWrite, const char *fname)
- void loadAllVectors (Pizza &p)
- void removeAllContentsOfFile (const char *fname)
- bool loadCustomer (client &customer, vector< Pizza > &order, vector< PizzaHelper > &pHelper, const char *fname)
- template<class pizzaClass> bool loadSpecificVector (vector< pizzaClass > &loadVector, const char *fileName, pizzaClass &pClass)

Private Member Functions

- void dummyLoader ()

5.16.1 Constructor & Destructor Documentation

5.16.1.1 readWriteClass::readWriteClass ()

5.16.1.2 readWriteClass::~readWriteClass () [virtual]

5.16.2 Member Function Documentation

5.16.2.1 void readWriteClass::dummyLoader () [private]

5.16.2.2 void readWriteClass::loadAllVectors (Pizza & *p*)

5.16.2.3 bool readWriteClass::loadCustomer (client & *customer*, vector< Pizza > & *order*, vector< PizzaHelper > & *pHelper*, const char * *fname*)

5.16.2.4 template<class pizzaClass> bool readWriteClass::loadSpecificVector (vector< pizzaClass > & *loadVector*, const char * *fileName*, pizzaClass & *pClass*)

5.16.2.5 void readWriteClass::removeAllContentsOfFile (const char * *fname*)

5.16.2.6 template<class pizzaClass> void readWriteClass::writeClassToFile (pizzaClass & *classToWrite*, const char * *fname*)

The documentation for this class was generated from the following files:

- readWriteClass.h
- readWriteClass.cpp

5.17 Sala Class Reference

`#include <Sala.h>`

Public Member Functions

- Sala ()
- void enterCrust (unsigned int input)
- void enterExtras (unsigned int input)
- void enterLocation (unsigned int input)
- void enterMenu (unsigned int input)
- void enterToppings (unsigned int input)
- void enterPizzaSize (unsigned int input)
- void newPizza ()
- client getCustomerOrdersVector ()
- void calculateSumOfOrder ()
- void createOrder (string name, string address, int number, bool paid, bool delivery)
- vector< PizzaCrust > getLagerpcrust ()
- vector< PizzaExtras > getLagerpextras ()
- vector< PizzaLocations > getLagerplocations ()
- vector< PizzaMenu > getLagerpMenu ()
- vector< PizzaSize > getLagerpsize ()
- vector< PizzaToppings > getLagerptoppings ()
- vector< Pizza > getOrder ()
- client getClient ()

Private Attributes

- Pizza lager
- client newCustomer
- vector< Pizza > order
- vector< PizzaHelper > pHelper

5.17.1 Constructor & Destructor Documentation

5.17.1.1 Sala::Sala ()

Constructor initiates vector variable lager, with everything available for ordering on a pizza

5.17.2 Member Function Documentation

5.17.2.1 void Sala::calculateSumOfOrder ()

5.17.2.2 void Sala::createOrder (string *name*, string *address*, int *number*, bool *paid*, bool *delivery*)

Write client and pizza order to file and client to a directory containing a list of customers

Parameters:

name is customers name

address is customers address

number is customers address number

paid is true if order is paid, else false

delivery is true if customer wants a delivery, else false

5.17.2.3 void Sala::enterCrust (unsigned int *input*)

All enter functions push items selected by customer to order vector

Parameters:

input,: is the location of item in order vector for a specific item ordered

5.17.2.4 void Sala::enterExtras (unsigned int *input*)

5.17.2.5 void Sala::enterLocation (unsigned int *input*)

5.17.2.6 void Sala::enterMenu (unsigned int *input*)

5.17.2.7 void Sala::enterPizzaSize (unsigned int *input*)

5.17.2.8 void Sala::enterToppings (unsigned int *input*)

5.17.2.9 client Sala::getClient ()

5.17.2.10 client Sala::getCustomerOrdersVector ()

5.17.2.11 vector< PizzaCrust > Sala::getLagerpcrust ()

5.17.2.12 vector< PizzaExtras > Sala::getLagerpextras ()

5.17.2.13 vector< PizzaLocations > Sala::getLagerplocations ()

5.17.2.14 vector< PizzaMenu > Sala::getLagerpMenu ()

5.17.2.15 vector< PizzaSize > Sala::getLagerpsize ()

5.17.2.16 vector< PizzaToppings > Sala::getLagerptoppings ()

5.17.2.17 vector< Pizza > Sala::getOrder ()

5.17.2.18 void Sala::newPizza ()

Initiate a new Pizza order and push back former order to vector order

5.17.3 Member Data Documentation

5.17.3.1 Pizza Sala::lager [private]

5.17.3.2 client Sala::newCustomer [private]

5.17.3.3 vector<Pizza> Sala::order [private]

Parameters:

Customer orders are stored on this vector. When customer options for a another pizza the former order is pushed back on this vector

5.17.3.4 vector<PizzaHelper> Sala::pHelper [private]

Parameters:

A helper vector storing quantity of all items on a single order from vector order

The documentation for this class was generated from the following files:

- Sala.h
- Sala.cpp

5.18 SalaUI Class Reference

`#include <SalaUI.h>`

Public Member Functions

- SalaUI ()
- virtual ~SalaUI ()
- void mainOrder ()

Private Member Functions

- template<typename Pizzaclass> void displayVector (vector< Pizzaclass > vec, bool choice)
- void displayFullOrder (Sala s)

Private Attributes

- UIHelper helperUI
- Sala s

5.18.1 Constructor & Destructor Documentation

5.18.1.1 SalaUI::SalaUI ()

5.18.1.2 SalaUI::~SalaUI () `[virtual]`

5.18.2 Member Function Documentation

5.18.2.1 void SalaUI::displayFullOrder (Sala *s*) `[private]`

5.18.2.2 template<typename Pizzaclass> void SalaUI::displayVector (vector< Pizzaclass > *vec*, bool *choice*) `[private]`

5.18.2.3 void SalaUI::mainOrder ()

5.18.3 Member Data Documentation

5.18.3.1 UIHelper SalaUI::helperUI `[private]`

5.18.3.2 Sala SalaUI::s `[private]`

The documentation for this class was generated from the following files:

- SalaUI.h
- SalaUI.cpp

5.19 UIHelper Class Reference

`#include <UIHelper.h>`

Public Member Functions

- UIHelper ()
- virtual ~UIHelper ()
- void displayHeader ()

5.19.1 Constructor & Destructor Documentation

5.19.1.1 UIHelper::UIHelper ()

5.19.1.2 UIHelper::~UIHelper () [virtual]

5.19.2 Member Function Documentation

5.19.2.1 void UIHelper::displayHeader ()

The documentation for this class was generated from the following files:

- UIHelper.h
- UIHelper.cpp

5.20 Umsjon Class Reference

`#include <Umsjon.h>`

Public Member Functions

- Umsjon ()
- virtual ~Umsjon ()
- void createCrust (char crust_type[32], int price)
- void createToppings (char toppings[32], int price)
- void createPizzaSize (char p_size[32], int price)
- void createMenu (char choose_pizza[32], double price, char toppings[128])
- void createExtras (char extras_type[32], int price)
- void createLocation (char place[32])
- vector< PizzaCrust > getpcrust ()
- vector< PizzaExtras > getpextras ()
- vector< PizzaLocations > getplocations ()
- vector< PizzaMenu > getpMenu ()
- vector< PizzaSize > getpsize ()
- vector< PizzaToppings > getptoppings ()

Private Attributes

- Pizza lager

5.20.1 Constructor & Destructor Documentation

5.20.1.1 Umsjon::Umsjon ()

5.20.1.2 Umsjon::~Umsjon () [virtual]

5.20.2 Member Function Documentation

5.20.2.1 void Umsjon::createCrust (char *crust_type*[32], int *price*)

5.20.2.2 void Umsjon::createExtras (char *extras_type*[32], int *price*)

5.20.2.3 void Umsjon::createLocation (char *place*[32])

5.20.2.4 void Umsjon::createMenu (char *choose_pizza*[32], double *price*, char *toppings*[128])

5.20.2.5 void Umsjon::createPizzaSize (char *p_size*[32], int *price*)

5.20.2.6 void Umsjon::createToppings (char *toppings*[32], int *price*)

5.20.2.7 vector< PizzaCrust > Umsjon::getpcrust ()

5.20.2.8 vector< PizzaExtras > Umsjon::getpextras ()

5.20.2.9 vector< PizzaLocations > Umsjon::getplocations ()

5.20.2.10 vector< PizzaMenu > Umsjon::getpMenu ()

5.20.2.11 vector< PizzaSize > Umsjon::getpsize ()

5.20.2.12 vector< PizzaToppings > Umsjon::getptoppings ()

5.20.3 Member Data Documentation

5.20.3.1 Pizza Umsjon::lager [private]

The documentation for this class was generated from the following files:

- Umsjon.h
- Umsjon.cpp

5.21 UmsjonUI Class Reference

`#include <UmsjonUI.h>`

Public Member Functions

- UmsjonUI ()
- virtual ~UmsjonUI ()
- bool yorn (char answer)
- void main ()

Private Member Functions

- template<typename Pizzaclass> void displayVector (vector< Pizzaclass > vec, bool show)

Private Attributes

- UIHelper helperUI

5.21.1 Constructor & Destructor Documentation

5.21.1.1 UmsjonUI::UmsjonUI ()

5.21.1.2 UmsjonUI::~UmsjonUI () `[virtual]`

5.21.2 Member Function Documentation

5.21.2.1 template<typename Pizzaclass> void UmsjonUI::displayVector (vector< Pizzaclass > *vec*, bool *show*) `[private]`

5.21.2.2 void UmsjonUI::main ()

5.21.2.3 bool UmsjonUI::yorn (char *answer*)

5.21.3 Member Data Documentation

5.21.3.1 UIHelper UmsjonUI::helperUI `[private]`

The documentation for this class was generated from the following files:

- UmsjonUI.h
- UmsjonUI.cpp

Chapter 6

MainAssignment File Documentation

6.1 Afhending.cpp File Reference

```
#include "Afhending.h"
```

6.2 Afhending.h File Reference

```
#include "readWriteClass.h"
#include <iostream>
#include <string>
```

Classes

- class Afhending

6.3 AfhendingUI.cpp File Reference

```
#include "AfhendingUI.h"
```

6.4 AfhendingUI.h File Reference

```
#include "Afhending.h"
#include "UIHelper.h"
```

Classes

- class AfhendingUI

6.5 Baker.cpp File Reference

```
#include "Baker.h"
```

6.6 Baker.h File Reference

```
#include "readWriteClass.h"
#include <iostream>
#include <string>
```

Classes

- class Baker

6.7 BakerUI.cpp File Reference

```
#include "BakerUI.h"
```

6.8 BakerUI.h File Reference

```
#include "UIHelper.h"
#include "Baker.h"
#include <cstdlib>
```

Classes

- class BakerUI

6.9 client.cpp File Reference

```
#include "client.h"
```

Functions

- ostream & operator<< (ostream &outs, client &customer)

6.9.1 Function Documentation

6.9.1.1 ostream& operator<< (ostream & *outs*, client & *customer*)

6.10 client.h File Reference

```
#include "Pizza.h"
#include "PizzaHelper.h"
```

Classes

- class client

6.11 main.cpp File Reference

```
#include <iostream>
#include <stdlib.h>
#include "UmsjonUI.h"
#include "SalaUI.h"
#include "BakerUI.h"
#include "AfhendingUI.h"
```

Functions

- void mainMenu ()
- int main ()

6.11.1 Function Documentation

6.11.1.1 int main ()

6.11.1.2 void mainMenu ()

6.12 MissingLocationException.cpp File Reference

```
#include "MissingLocationException.h"
```

6.13 MissingLocationException.h File Reference

```
#include <iostream>
```

Namespaces

- namespace std

Classes

- class MissingLocationException

6.14 OpenOrders.cpp File Reference

```
#include "OpenOrders.h"
```

6.15 OpenOrders.h File Reference

Classes

- class OpenOrders

6.16 Pizza.cpp File Reference

```
#include "Pizza.h"
```

Functions

- ostream & operator<< (ostream &out, Pizza &p)

6.16.1 Function Documentation

6.16.1.1 ostream& operator<< (ostream & *out*, Pizza & *p*)

6.17 Pizza.h File Reference

```
#include <iostream>
#include <vector>
#include <utility>
#include <fstream>
#include "PizzaSize.h"
#include "pizzatoppings.h"
#include "pizzacrust.h"
#include "pizzaextras.h"
#include "pizzalocations.h"
#include "pizzamenu.h"
```

Classes

- class Pizza

6.18 pizzacrust.cpp File Reference

```
#include "pizzacrust.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaCrust &p_crust)

6.18.1 Function Documentation

6.18.1.1 ostream& operator<< (ostream & *outs*, PizzaCrust & *p_crust*)

6.19 pizzacrust.h File Reference

```
#include <iostream>
```

Classes

- class PizzaCrust

6.20 pizzaextras.cpp File Reference

```
#include "pizzaextras.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaExtras &p_extras)

6.20.1 Function Documentation

6.20.1.1 ostream& operator<< (ostream & *outs*, PizzaExtras & *p_extras*)

6.21 pizzaextras.h File Reference

```
#include <iostream>
```

Classes

- class PizzaExtras

6.22 PizzaHelper.cpp File Reference

```
#include "PizzaHelper.h"
```

6.23 PizzaHelper.h File Reference

Classes

- class PizzaHelper

6.24 pizzalocations.cpp File Reference

```
#include "pizzalocations.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaLocations &p_locations)

6.24.1 Function Documentation

6.24.1.1 ostream& operator<< (ostream & *outs*, PizzaLocations & *p_locations*)

6.25 pizzalocations.h File Reference

```
#include <iostream>
```

Classes

- class PizzaLocations

6.26 pizzamenu.cpp File Reference

```
#include "pizzamenu.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaMenu &p_menu)

6.26.1 Function Documentation

6.26.1.1 ostream& operator<< (ostream & *outs*, PizzaMenu & *p_menu*)

6.27 pizzamenu.h File Reference

```
#include <iostream>
```

Classes

- class PizzaMenu

6.28 PizzaSize.cpp File Reference

```
#include "PizzaSize.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaSize &p_size)

6.28.1 Function Documentation

6.28.1.1 ostream& operator<< (ostream & *outs*, PizzaSize & *p_size*)

6.29 PizzaSize.h File Reference

```
#include <iostream>
```

Classes

- class PizzaSize

6.30 pizzatoppings.cpp File Reference

```
#include "pizzatoppings.h"
```

Functions

- ostream & operator<< (ostream &outs, PizzaToppings &p_toppings)

6.30.1 Function Documentation

6.30.1.1 ostream& operator<< (ostream & *outs*, PizzaToppings & *p_toppings*)

6.31 pizzatoppings.h File Reference

```
#include <iostream>
```

Classes

- class PizzaToppings

6.32 readWriteClass.cpp File Reference

```
#include "readWriteClass.h"
```

6.33 readWriteClass.h File Reference

```
#include "Pizza.h"
#include "client.h"
#include "Sala.h"
#include "PizzaHelper.h"
#include <string.h>
```

Classes

- class readWriteClass

6.34 Sala.cpp File Reference

```
#include "Sala.h"
```

Functions

- ostream & operator<< (ostream &outs, Sala &s)

6.34.1 Function Documentation

6.34.1.1 ostream& operator<< (ostream & *outs*, Sala & *s*)

6.35 Sala.h File Reference

```
#include "Pizza.h"
#include "PizzaSize.h"
#include "pizzatoppings.h"
#include "pizzacrust.h"
#include "pizzaextras.h"
#include "pizzalocations.h"
#include "pizzamenu.h"
#include "readWriteClass.h"
#include "client.h"
#include <cstring>
#include <stdlib.h>
```

Classes

- class Sala

6.36 SalaUI.cpp File Reference

```
#include "SalaUI.h"
```

6.37 SalaUI.h File Reference

```
#include "Sala.h"
#include <stdlib.h>
#include <windows.h>
#include "UIHelper.h"
```

Classes

- class SalaUI

6.38 UIHelper.cpp File Reference

```
#include "UIHelper.h"
```

6.39 UIHelper.h File Reference

```
#include <iostream>
```

Classes

- class UIHelper

6.40 Umsjon.cpp File Reference

```
#include "Umsjon.h"
```

6.41 Umsjon.h File Reference

```
#include <iostream>
#include <vector>
#include <stdio.h>
#include <string.h>
#include "Pizza.h"
#include "PizzaSize.h"
#include "pizzatoppings.h"
#include "pizzacrust.h"
#include "pizzaextras.h"
#include "pizzalocations.h"
#include "pizzamenu.h"
#include "readWriteClass.h"
```

Classes

- class Umsjon

6.42 UmsjonUI.cpp File Reference

```
#include "UmsjonUI.h"
```

6.43 UmsjonUI.h File Reference

```
#include "Umsjon.h"
#include <stdlib.h>
#include "UIHelper.h"
```

Classes

- class UmsjonUI