

BaKaPlan

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Chapter 1

Class Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Chapter 2

Class Index

2.1 Class List

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

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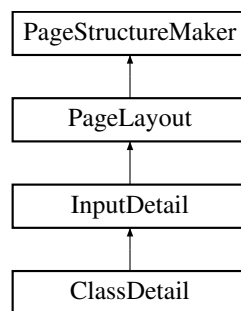
Chapter 3

Class Documentation

3.1 ClassDetail Class Reference

```
#include <classdetail.h>
```

Inheritance diagram for ClassDetail:



Public Member Functions

- [ClassDetail](#) ()
Constructor.
- void [TotalClasses](#) ()
Get total classes.
- void [ClassInfo](#) ()
- void [Header](#) (string titleName)
- void [Header](#) ()
- void [Footer](#) ()
- string [IntToString](#) (int value)
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)

- void [BodyStart](#) ()
- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- int **totalClasses**
- string **className** [maxClasses]
- string **subjectCode** [maxClasses]
- string **subjectName** [maxClasses]
- string **tableHeading** [maxClasses]
- [InputFieldName](#) **fieldName**
- [ReadInputField](#) **readField**
- [Database](#) **database**
- int **i**
- int **j**
- int **k**
- stringstream **ss**
- string **temp**
- string **projectName**
- ifstream **inFile**
- ofstream **outFile**
- string [startH1](#)
- string **endH1**
- string **startH3**
- string **endH3**
- string **startTD**
- string **endTD**
- string **startTH**
- string **endTH**
- string **startTR**
- string **endTR**
- string **startB**
- string **endB**
- string **brk**

3.1.1 Detailed Description

=====
 Description: This class is used to get details of class from user. Like class name, total classes, subject details etc. =====

Definition at line 42 of file classdetail.h.

3.1.2 Constructor & Destructor Documentation

3.1.2.1 ClassDetail::ClassDetail ()

Constructor.

----- Include header file which has [ClassDetail](#)'s declaration -----
 ----- Definition of member functions -----
 -- Class: [ClassDetail](#) Method: [ClassDetail](#) :: [ClassDetail\(\)](#) Description: Constructor -----

Definition at line 37 of file classdetail.cc.

3.1.3 Member Function Documentation

3.1.3.1 void PageStructureMaker::Anchor (string href, string target) [inherited]

Anchor Tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Anchor(string href)

Description: Anchor Tag

Definition at line 318 of file pagestructure.cc.

3.1.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [BodyEnd\(\)](#) Description: Display </BODY> -----

Definition at line 180 of file pagestructure.cc.

3.1.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [BodyStart\(\)](#) Description: Display <BODY> -----

Definition at line 166 of file pagestructure.cc.

3.1.3.4 void PageStructureMaker::Button (string id, string type, string className, string value) [inherited]

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: Button(string id, string type, string className, string value) Description: Create button(next, submit, etc) -----

Definition at line 436 of file pagestructure.cc.

3.1.3.5 void ClassDetail::ClassInfo ()

Get class details like class name, subject name and subject code

----- Class: [ClassDetail](#) Method: [ClassDetail](#) :: [ClassInfo\(\)](#)
Description: Get class name, subject code and subject name from user. -----

Definition at line 138 of file classdetail.cc.

3.1.3.6 void PageStructureMaker::CSS (string href) [inherited]

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [CSS\(string href\)](#) Description: Add External CSS file -----

Definition at line 138 of file pagestructure.cc.

3.1.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [DivEnd\(\)](#) Description: Close Div Section -----

Definition at line 209 of file pagestructure.cc.

3.1.3.8 void PageStructureMaker::DivStart (string id, string className) [inherited]

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: DivStart(string id, string className) Description: Start Div Section with id and className(for CSS) -----

Definition at line 195 of file pagestructure.cc.

3.1.3.9 void InputDetail::Footer () [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: [Footer\(\)](#) Description:
Common for all pages(end body, html) -----

Reimplemented from [PageLayout](#).

Definition at line 68 of file inputdetail.cc.

3.1.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [FormEnd\(\)](#) Description: Close Form -----

Definition at line 238 of file pagestructure.cc.

3.1.3.11 void PageStructureMaker::FormStart (string *name*, string *action*, string *method*) [inherited]

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: FormStart(string name, string action, string method) Description: Start Form with name, action and method(GET/POST) -----

Definition at line 223 of file pagestructure.cc.

3.1.3.12 void PageLayout::Head (string *titleName*) [inherited]

Head Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Head](#)(string [titleName](#)) Description: Head Section of page, titleName pass to Title function. -----

Definition at line 105 of file pagelayout.cc.

3.1.3.13 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadEnd](#)() Description: Display </HEAD> -----

Definition at line 112 of file pagestructure.cc.

3.1.3.14 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header](#)()
Description: Call Menu Function -----

Definition at line 88 of file pagelayout.cc.

3.1.3.15 void InputDetail::Header (string *titleName*) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: [Header](#)(string [titleName](#)) Description: common header for all pages(start html, head, body) -----

Definition at line 50 of file inputdetail.cc.

3.1.3.16 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadStart](#)() Description: Display <HEAD> -----

Definition at line 99 of file pagestructure.cc.

3.1.3.17 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: HTMLEnd\(\)](#) Description: Display </HTML> -----
 Definition at line 86 of file pagestructure.cc.

3.1.3.18 void [PageStructureMaker::HTMLStart](#) () [inherited]

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: HTMLStart\(\)](#) Description: Display <HTML> Tag -----
 Definition at line 73 of file pagestructure.cc.

3.1.3.19 void [PageStructureMaker::InputField](#) (string *type*, string *name*, int *nameNo*, string *value*) [inherited]

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: InputField](#)(string *type*, string *name*, string *value*) Description: Create Input fields like text field, submit button, etc. -----
 Definition at line 333 of file pagestructure.cc.

3.1.3.20 void [PageStructureMaker::InputField](#) (string *type*, string *name*, string *value*) [inherited]

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: InputField](#)(string *type*, string *name*, string *value*)

Description: For creating input field with 3 arguments

 Definition at line 361 of file pagestructure.cc.

3.1.3.21 string [InputDetail::IntToString](#) (int *value*) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail :: IntToString](#)(int *value*) Description: Convert Int to String using stringstream object -----
 Definition at line 82 of file inputdetail.cc.

3.1.3.22 void [PageStructureMaker::Javascript](#) (string *src*) [inherited]

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: Javascript](#)(string *src*) Description: Add external Javascript file -----
 Definition at line 153 of file pagestructure.cc.

3.1.3.23 void [PageStructureMaker::ListEnd](#) (string *listType*) [inherited]

End List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListEnd\(string listType\)](#)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.1.3.24 void PageStructureMaker::ListItem (string *listItem*) [inherited]

List Item

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListItem\(string listItem\)](#)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.1.3.25 void PageStructureMaker::ListStart (string *listType*) [inherited]

Start List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListStart\(string listType\)](#)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.1.3.26 void PageLayout::Logo (string *logoName*) [inherited]

Logo on Page

----- Class: [PageLayout](#) Method: [PageLayout :: Logo\(string logoName\)](#) Description: Logo to project -----

Definition at line 73 of file pagelayout.cc.

3.1.3.27 void PageLayout::Menu () [inherited]

List/Menu Navigation()

----- Class: [PageLayout](#) Method: [PageLayout :: Menu\(\)](#) Description: Add Menu on pages(for navigation) -----

Definition at line 50 of file pagelayout.cc.

3.1.3.28 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.1.3.29 void PageStructureMaker::SelectFieldStart (string *name*) [inherited]

Select Field Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.1.3.30 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.1.3.31 void PageStructureMaker::SelectOptionStart (string *value*, string *selected*) [inherited]

Select Option Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectOptionStart\(string value, string selected\)](#) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.1.3.32 void PageStructureMaker::SetHTMLVariables () [inherited]

Assingn Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SetHTMLVariables\(\)](#) Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.1.3.33 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [TableEnd\(\)](#) Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.1.3.34 void PageStructureMaker::TableStart (string *id*, string *className*) [inherited]

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [TableStart\(string id, string className\)](#) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.1.3.35 void PageStructureMaker::Title (string *pageTitle*) [inherited]

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Title\(string pageTitle\)](#) Description: Display Page Tile -----

Definition at line 125 of file pagestructure.cc.

3.1.3.36 void ClassDetail::TotalClasses ()

Get total classes.

----- Class: [ClassDetail](#) Method: [ClassDetail](#) :: [TotalClasses\(\)](#)
Description: Get Total classes from user -----

Definition at line 91 of file classdetail.cc.

3.1.4 Member Data Documentation

3.1.4.1 InputFieldName InputDetail::fieldName [protected],[inherited]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.1.4.2 string PageStructureMaker::startH1 [protected],[inherited]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

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

- src/classdetail.h
- src/classdetail.cc

3.2 Database Class Reference

```
#include <database.h>
```

Public Member Functions

- [Database](#) ()
- void [SelectQuery](#) (string column, string table, vector< string > &result)
- [~Database](#) ()

Protected Attributes

- MYSQL * [connect](#)
- MYSQL_RES * [res_set](#)
- MYSQL_ROW [row](#)
- unsigned int [numrows](#)
- string [tLogin](#)
- string [tRegister](#)

- string **tProjectDetail**
- int **i**
- int **j**
- string **query**

3.2.1 Detailed Description

----- Include [header.h](#) and [database.h](#) -----

 Class: [Database](#) Description: [Database](#) class for database accessibility =====
 Definition at line 34 of file database.h.

3.2.2 Constructor & Destructor Documentation

3.2.2.1 Database::Database ()

[Database](#) Constructor

----- Include [database.h](#) file local header file(declaration of class)
 ----- Class:
[Database](#) Method: [Database](#) :: [Database\(\)](#) Description: Constructor to initialize database connectivity -----

 Definition at line 33 of file database.cc.

3.2.2.2 Database::~~Database ()

[Database](#) Destructor

----- Class: [Database](#) Method: [Database](#) :: [~Database\(\)](#)
 Description: Destructor for closing database connectivity -----
 Definition at line 91 of file database.cc.

3.2.3 Member Function Documentation

3.2.3.1 void Database::SelectQuery (string column, string table, vector< string > & result)

For executing MySQL query

Class: [Database](#)

Method: [Database](#) :: SelectQuery(string column, string table)

Description: Executing MySQL Select Query and returns string value

 Definition at line 59 of file database.cc.

3.2.4 Member Data Documentation

3.2.4.1 MYSQL* Database::connect [protected]

MySQL connectivity Variables

Definition at line 38 of file database.h.

3.2.4.2 unsigned int Database::numrows [protected]

unsigned int variable

Definition at line 43 of file database.h.

3.2.4.3 string Database::tLogin [protected]

Table names tTablename

Definition at line 46 of file database.h.

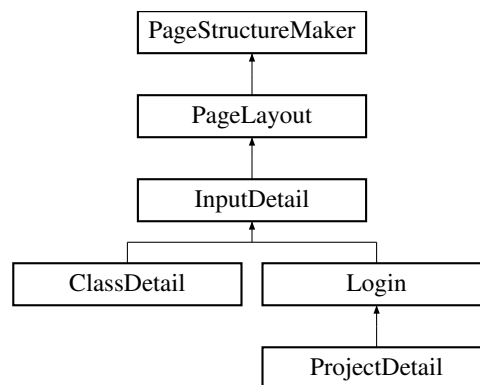
The documentation for this class was generated from the following files:

- src/database.h
- src/database.cc

3.3 InputDetail Class Reference

```
#include <inputdetail.h>
```

Inheritance diagram for InputDetail:



Public Member Functions

- [InputDetail](#) ()
- void [Header](#) (string titleName)
- void [Footer](#) ()
- string [IntToString](#) (int value)
- void [Header](#) ()
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)
- void [BodyStart](#) ()

- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- [InputFieldName](#) **fieldName**
- [ReadInputField](#) **readField**
- [Database](#) **database**
- int **i**
- int **j**
- int **k**
- stringstream **ss**
- string **temp**
- string **projectName**
- ifstream **inFile**
- ofstream **outFile**
- string **startH1**
- string **endH1**
- string **startH3**
- string **endH3**
- string **startTD**
- string **endTD**
- string **startTH**
- string **endTH**
- string **startTR**
- string **endTR**
- string **startB**
- string **endB**
- string **brk**

3.3.1 Detailed Description

----- Include local header files -----

Class: [InputDetail](#) Description: Include common variables, functions that are used by derived classes

Definition at line 39 of file inputdetail.h.

3.3.2 Constructor & Destructor Documentation

3.3.2.1 InputDetail::InputDetail ()

----- Include detail.h file -----
 ----- Definition of member functions -----
 ----- Class: [InputDetail](#) Method: [InputDetail::InputDetail\(\)](#) Description: Constructor -----
 Definition at line 37 of file inputdetail.cc.

3.3.3 Member Function Documentation

3.3.3.1 void PageStructureMaker::Anchor (string href, string target) [inherited]

Anchor Tag

 Class: [PageStructureMaker](#)
 Method: [PageStructureMaker::Anchor\(string href\)](#)
 Description: Anchor Tag

 Definition at line 318 of file pagestructure.cc.

3.3.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker::BodyEnd\(\)](#) Description: Display </BODY> -----
 Definition at line 180 of file pagestructure.cc.

3.3.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker::BodyStart\(\)](#) Description: Display <BODY> -----
 Definition at line 166 of file pagestructure.cc.

3.3.3.4 void PageStructureMaker::Button (string id, string type, string className, string value) [inherited]

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker::Button\(string id, string type, string className, string value\)](#) Description: Create button(next, submit, etc) -----
 Definition at line 436 of file pagestructure.cc.

3.3.3.5 void PageStructureMaker::CSS (string href) [inherited]

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: CSS\(string href\)](#) Description: Add External CSS file -----
 Definition at line 138 of file pagestructure.cc.

3.3.3.6 void PageStructureMaker::DivEnd () [inherited]

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivEnd\(\)](#) Description: Close Div Section -----
 Definition at line 209 of file pagestructure.cc.

3.3.3.7 void PageStructureMaker::DivStart (string id, string className) [inherited]

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivStart\(string id, string className\)](#) Description: Start Div Section with id and className(for CSS) -----
 Definition at line 195 of file pagestructure.cc.

3.3.3.8 void InputDetail::Footer ()

----- Class: [InputDetail](#) Method: [InputDetail :: Footer\(\)](#) Description: Common for all pages(end body, html) -----
 Reimplemented from [PageLayout](#).
 Definition at line 68 of file inputdetail.cc.

3.3.3.9 void PageStructureMaker::FormEnd () [inherited]

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormEnd\(\)](#) Description: Close Form -----
 Definition at line 238 of file pagestructure.cc.

3.3.3.10 void PageStructureMaker::FormStart (string name, string action, string method) [inherited]

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormStart\(string name, string action, string method\)](#) Description: Start Form with name, action and method(GET/POST) -----
 Definition at line 223 of file pagestructure.cc.

3.3.3.11 void PageLayout::Head (string titleName) [inherited]

Head Section of Page

----- Class: [PageLayout](#) Method: [PageLayout :: Head\(string titleName\)](#) Description: Head Section of page, titleName pass to Title function. -----
 Definition at line 105 of file pagelayout.cc.

3.3.3.12 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadEnd\(\)](#) Description: Display </HEAD> -----

Definition at line 112 of file pagestructure.cc.

3.3.3.13 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----

Definition at line 88 of file pagelayout.cc.

3.3.3.14 void InputDetail::Header (string *titleName*)

----- Class: [InputDetail](#) Method: [InputDetail](#) :: [Header\(string title-](#)
[Name\)](#) Description: common header for all pages(start html, head, body) -----

Definition at line 50 of file inputdetail.cc.

3.3.3.15 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadStart\(\)](#) Description: Display <HEAD> -----

Definition at line 99 of file pagestructure.cc.

3.3.3.16 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLEnd\(\)](#) Description: Display </HTML> -----

Definition at line 86 of file pagestructure.cc.

3.3.3.17 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLStart\(\)](#) Description: Display <HTML> Tag -----

Definition at line 73 of file pagestructure.cc.

3.3.3.18 void PageStructureMaker::InputField (string *type*, string *name*, int *nameNo*, string *value*) [inherited]

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [InputField\(string type, string name, string value\)](#) Description: Create Input fields like text field, submit button,
etc. -----

Definition at line 333 of file pagestructure.cc.

3.3.3.19 void PageStructureMaker::InputField (string *type*, string *name*, string *value*) [inherited]

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: InputField(string type, string name, string value)

Description: For creating input field with 3 arguments

Definition at line 361 of file pagestructure.cc.

3.3.3.20 string InputDetail::IntToString (int *value*)

----- Class: [InputDetail](#) Method: [InputDetail](#) :: IntToString(int value)

Description: Convert Int to String using stringstream object -----

Definition at line 82 of file inputdetail.cc.

3.3.3.21 void PageStructureMaker::Javascript (string *src*) [inherited]

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Javascript](#)(string src) Description: Add external Javascript file -----

Definition at line 153 of file pagestructure.cc.

3.3.3.22 void PageStructureMaker::ListEnd (string *listType*) [inherited]

End List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListEnd(string listType)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.3.3.23 void PageStructureMaker::ListItem (string *listItem*) [inherited]

List Item

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListItem(string listItem)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.3.3.24 void PageStructureMaker::ListStart (string *listType*) [inherited]

Start List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListStart\(string listType\)](#)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.3.3.25 void PageLayout::Logo (string *logoName*) [inherited]

Logo on Page

----- Class: [PageLayout](#) Method: [PageLayout :: Logo\(string logo-Name\)](#) Description: Logo to project -----

Definition at line 73 of file pagelayout.cc.

3.3.3.26 void PageLayout::Menu () [inherited]

List/Menu Navigation()

----- Class: [PageLayout](#) Method: [PageLayout :: Menu\(\)](#) Description: Add Menu on pages(for navigation) -----

Definition at line 50 of file pagelayout.cc.

3.3.3.27 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :- : SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.3.3.28 void PageStructureMaker::SelectFieldStart (string *name*) [inherited]

Select Field Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :- : SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.3.3.29 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :- : SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.3.3.30 void PageStructureMaker::SelectOptionStart (string *value*, string *selected*) [inherited]

Select Option Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : SelectOptionStart(string value, string selected) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.3.3.31 void PageStructureMaker::SetHTMLVariables () [inherited]

Assingn Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : SetHTMLVariables() Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.3.3.32 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : TableEnd() Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.3.3.33 void PageStructureMaker::TableStart (string *id*, string *className*) [inherited]

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : TableStart(string id, string className) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.3.3.34 void PageStructureMaker::Title (string *pageTitle*) [inherited]

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : Title(string pageTitle) Description: Display Page Tile -----

Definition at line 125 of file pagestructure.cc.

3.3.4 Member Data Documentation**3.3.4.1 InputFieldName InputDetail::fieldName [protected]**Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.3.4.2 string PageStructureMaker::startH1 [protected],[inherited]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

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

- src/inputdetail.h
- src/inputdetail.cc

3.4 InputFieldName Class Reference

```
#include <inputfieldname.h>
```

Public Member Functions

- [InputFieldName](#) ()
- void [SetFieldNames](#) ()

Public Attributes

- string [className](#)
Field Names.
- string [totalClasses](#)
- string [totalSubjects](#)
- string [subjectCode](#)
- string [subjectName](#)
- string [prefix](#)
Roll No details fields.
- string [startRollNo](#)
- string [endRollNo](#)
- string [notIncluded](#)
- string [projectName](#)
- string [emailID](#)
- string [password](#)

3.4.1 Detailed Description

----- Include local header file that has global header files -----

Class: [InputFieldName](#) Description: This class has variable names for all fields that are used to take input from user. =====

Definition at line 34 of file inputfieldname.h.

3.4.2 Constructor & Destructor Documentation

3.4.2.1 InputFieldName::InputFieldName ()

----- Include header file that contains [InputFieldName](#) Class's Declaration ----- Definition of member functions -----

----- Class: [InputFieldName](#) Method: [InputFieldName](#) :: [InputFieldName\(\)](#) Description: Constructor calls [SetFieldNames\(\)](#) -----

Definition at line 38 of file inputfieldname.cc.

3.4.3 Member Function Documentation

3.4.3.1 void InputFieldName::SetFieldNames ()

----- Class: [InputFieldName](#) Method: [InputFieldName :: SetFieldNames\(\)](#) Description: Assign Values of field names in its respective variables. -----

----- Assign values of class details

variable for roll no fields

[Login](#) page fields

Project Detail

Definition at line 52 of file inputfieldname.cc.

3.4.4 Member Data Documentation

3.4.4.1 string InputFieldName::className

Field Names.

Class Details Value /**< Field Name */ ClassName

Definition at line 41 of file inputfieldname.h.

3.4.4.2 string InputFieldName::emailID

For login.html page Email Field

Definition at line 57 of file inputfieldname.h.

3.4.4.3 string InputFieldName::endRollNo

ending rollno

Definition at line 41 of file inputfieldname.h.

3.4.4.4 string InputFieldName::notIncluded

roll that are not included in seating plan

Definition at line 41 of file inputfieldname.h.

3.4.4.5 string InputFieldName::password

Password field

Definition at line 57 of file inputfieldname.h.

3.4.4.6 string InputFieldName::prefix

Roll No details fields.

Prefix of rollno

Definition at line 41 of file inputfieldname.h.

3.4.4.7 string InputFieldName::projectName

Project Name

Definition at line 41 of file inputfieldname.h.

3.4.4.8 string InputFieldName::startRollNo

starting roll no

Definition at line 41 of file inputfieldname.h.

3.4.4.9 string InputFieldName::subjectCode

SubjectCode

Definition at line 41 of file inputfieldname.h.

3.4.4.10 string InputFieldName::subjectName

SubjectName

Definition at line 41 of file inputfieldname.h.

3.4.4.11 string InputFieldName::totalClasses

TotalClasses

Definition at line 41 of file inputfieldname.h.

3.4.4.12 string InputFieldName::totalSubjects

TotalSubjects

Definition at line 41 of file inputfieldname.h.

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

- src/inputfieldname.h
- src/inputfieldname.cc

3.5 JavaScript Class Reference

```
#include <javascript.h>
```

Public Member Functions

- [JavaScript](#) ()
- void [OnFocusEvent](#) ()
- void [OnChangeEvent](#) ()

3.5.1 Detailed Description

----- Include [header.h](#) file -----
 ===== Class: [JavaScript](#)
 Description: For creating .js files =====
 Definition at line 33 of file javascript.h.

3.5.2 Constructor & Destructor Documentation

3.5.2.1 JavaScript::JavaScript ()

Constructor

 Include [javascript.h](#) file

Class: [JavaScript](#)

Method: [JavaScript](#) :: [JavaScript\(\)](#)

Description: Constructor

 Definition at line 34 of file javascript.cc.

3.5.3 Member Function Documentation

3.5.3.1 void JavaScript::OnChangeEvent ()

onchange func. of javascript for i/p fields

3.5.3.2 void JavaScript::OnFocusEvent ()

For input fields(onfocus action)

 Class: [JavaScript](#)

Method: [JavaScript](#) :: [OnFocusEvent\(\)](#)

Description: method for onfocus function in javascript

 Definition at line 47 of file javascript.cc.

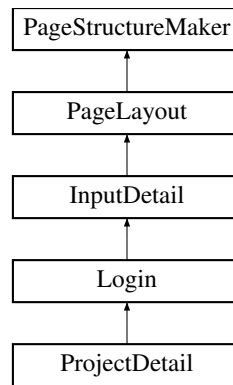
The documentation for this class was generated from the following files:

- [src/javascript.h](#)
- [src/javascript.cc](#)

3.6 Login Class Reference

#include <login.h>

Inheritance diagram for Login:



Public Member Functions

- [Login](#) ()
- void [LoginPage](#) ()
- void [ReadLoginDetail](#) ()
- void [Register](#) ()
- void [SelectLoginDetail](#) ()
- [~Login](#) ()
- void [Header](#) (string titleName)
- void [Header](#) ()
- void [Footer](#) ()
- string [IntToString](#) (int value)
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)
- void [BodyStart](#) ()
- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- vector< string > [emailID](#)
- vector< string > [password](#)
- string [userEmailID](#)
- string [userPassword](#)
- [InputFieldName](#) [fieldName](#)
- [ReadInputField](#) [readField](#)
- [Database](#) [database](#)
- int [i](#)
- int [j](#)
- int [k](#)
- stringstream [ss](#)
- string [temp](#)
- string [projectName](#)
- ifstream [inFile](#)
- ofstream [outFile](#)
- string [startH1](#)
- string [endH1](#)
- string [startH3](#)
- string [endH3](#)
- string [startTD](#)
- string [endTD](#)
- string [startTH](#)
- string [endTH](#)
- string [startTR](#)
- string [endTR](#)
- string [startB](#)
- string [endB](#)
- string [brk](#)

3.6.1 Detailed Description

----- Include required header files -----
 ----- ===== Class:
[Login](#) Description: [Login](#) class for user login =====
 Definition at line 33 of file login.h.

3.6.2 Constructor & Destructor Documentation

3.6.2.1 Login::Login ()

Constructor

----- Include [login.h](#) header file -----

Class: [Login](#)

Method: [Login](#) :: [Login\(\)](#)

Description: Constructor

 Definition at line 33 of file login.cc.

3.6.2.2 Login::~Login () [inline]

Destructor

Definition at line 61 of file login.h.

3.6.3 Member Function Documentation**3.6.3.1 void PageStructureMaker::Anchor (string href, string target) [inherited]**

Anchor Tag

Class: [PageStructureMaker](#)Method: [PageStructureMaker](#) :: Anchor(string href)

Description: Anchor Tag

Definition at line 318 of file pagestructure.cc.

3.6.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyEnd\(\)](#) Description: Display </BODY> -----

Definition at line 180 of file pagestructure.cc.

3.6.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyStart\(\)](#) Description: Display <BODY> -----

Definition at line 166 of file pagestructure.cc.

3.6.3.4 void PageStructureMaker::Button (string id, string type, string className, string value) [inherited]

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: Button(string id, string type, string className, string value) Description: Create button(next, submit, etc) -----

Definition at line 436 of file pagestructure.cc.

3.6.3.5 void PageStructureMaker::CSS (string href) [inherited]

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [C-](#)
[SS\(string href\)](#) Description: Add External CSS file -----

Definition at line 138 of file pagestructure.cc.

3.6.3.6 void PageStructureMaker::DivEnd () [inherited]

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [DivEnd\(\)](#) Description: Close Div Section -----

Definition at line 209 of file pagestructure.cc.

3.6.3.7 void PageStructureMaker::DivStart (string id, string className) [inherited]

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [DivStart\(string id, string className\)](#) Description: Start Div Section with id and className(for CSS) -----

Definition at line 195 of file pagestructure.cc.

3.6.3.8 void InputDetail::Footer () [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: [Footer\(\)](#) Description:
Common for all pages(end body, html) -----

Reimplemented from [PageLayout](#).

Definition at line 68 of file inputdetail.cc.

3.6.3.9 void PageStructureMaker::FormEnd () [inherited]

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [FormEnd\(\)](#) Description: Close Form -----

Definition at line 238 of file pagestructure.cc.

3.6.3.10 void PageStructureMaker::FormStart (string name, string action, string method) [inherited]

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [FormStart\(string name, string action, string method\)](#) Description: Start Form with name, action and method(GET/POST) -----

Definition at line 223 of file pagestructure.cc.

3.6.3.11 void PageLayout::Head (string titleName) [inherited]

Head Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Head\(string titleName\)](#) Description: Head Section of page, titleName pass to Title function. -----

Definition at line 105 of file pagelayout.cc.

3.6.3.12 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadEnd\(\)](#) Description: Display </HEAD> -----
Definition at line 112 of file pagestructure.cc.

3.6.3.13 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----
Definition at line 88 of file pagelayout.cc.

3.6.3.14 void InputDetail::Header (string *titleName*) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: [Header\(string title-](#)
[Name\)](#) Description: common header for all pages(start html, head, body) -----
Definition at line 50 of file inputdetail.cc.

3.6.3.15 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadStart\(\)](#) Description: Display <HEAD> -----
Definition at line 99 of file pagestructure.cc.

3.6.3.16 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLEnd\(\)](#) Description: Display </HTML> -----
Definition at line 86 of file pagestructure.cc.

3.6.3.17 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLStart\(\)](#) Description: Display <HTML> Tag -----
Definition at line 73 of file pagestructure.cc.

3.6.3.18 void PageStructureMaker::InputField (string *type*, string *name*, int *nameNo*, string *value*) [inherited]

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [InputField\(string type, string name, string value\)](#) Description: Create Input fields like text field, submit button,
etc. -----
Definition at line 333 of file pagestructure.cc.

3.6.3.19 void PageStructureMaker::InputField (string *type*, string *name*, string *value*) [inherited]

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: InputField(string type, string name, string value)

Description: For creating input field with 3 arguments

Definition at line 361 of file pagestructure.cc.

3.6.3.20 string InputDetail::IntToString (int *value*) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: IntToString(int value)
 Description: Convert Int to String using stringstream object -----

Definition at line 82 of file inputdetail.cc.

3.6.3.21 void PageStructureMaker::Javascript (string *src*) [inherited]

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : Javascript(string src) Description: Add external Javascript file -----

Definition at line 153 of file pagestructure.cc.

3.6.3.22 void PageStructureMaker::ListEnd (string *listType*) [inherited]

End List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListEnd(string listType)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.6.3.23 void PageStructureMaker::ListItem (string *listItem*) [inherited]

List Item

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListItem(string listItem)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.6.3.24 void PageStructureMaker::ListStart (string *listType*) [inherited]

Start List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: [ListStart\(string listType\)](#)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.6.3.25 void Login::LoginPage ()

Creating login page

Class: [Login](#)

Method: [Login](#) :: [LoginPage\(\)](#)

Description: Form for user login

Definition at line 88 of file login.cc.

3.6.3.26 void PageLayout::Logo (string *logoName*) [inherited]

Logo on Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Logo\(string logoName\)](#) Description: Logo to project -----

Definition at line 73 of file pagelayout.cc.

3.6.3.27 void PageLayout::Menu () [inherited]

List/Menu Navigation()

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Menu\(\)](#) Description: Add Menu on pages(for navigation) -----

Definition at line 50 of file pagelayout.cc.

3.6.3.28 void Login::ReadLoginDetail ()

Read [Login](#) Detail

Class: [Login](#)

Method: [Login](#) :: [ReadLoginDetail\(\)](#)

Description: Reading login detail from text fields given by user

Definition at line 74 of file login.cc.

3.6.3.29 void Login::Register ()

Register user page

Class: [Login](#)

Method: [Login :: Register\(\)](#)

Description: Register new user

Definition at line 128 of file login.cc.

3.6.3.30 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.6.3.31 void PageStructureMaker::SelectFieldStart (string name) [inherited]

Select Field Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.6.3.32 void Login::SelectLoginDetail ()

For selecting email and password from user table

Class: [Login](#)

Method: [Login :: SelectLoginDetail\(\)](#)

Description: For reading email id's and passwords from User table

Definition at line 46 of file login.cc.

3.6.3.33 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.6.3.34 void PageStructureMaker::SelectOptionStart (string value, string selected) [inherited]

Select Option Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionStart](#)(string value, string selected) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.6.3.35 void PageStructureMaker::SetHTMLVariables () [inherited]

Assign Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SetHTMLVariables](#)() Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.6.3.36 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableEnd](#)() Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.6.3.37 void PageStructureMaker::TableStart (string id, string className) [inherited]

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableStart](#)(string id, string className) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.6.3.38 void PageStructureMaker::Title (string pageTitle) [inherited]

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [Title](#)(string pageTitle) Description: Display Page Title -----

Definition at line 125 of file pagestructure.cc.

3.6.4 Member Data Documentation

3.6.4.1 vector<string> Login::emailID [protected]

For storing email and password of users Email ID as vector

Definition at line 38 of file login.h.

3.6.4.2 InputFieldName InputDetail::fieldName [protected],[inherited]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.6.4.3 `vector<string> Login::password` [protected]

password as vector variable

Definition at line 38 of file login.h.

3.6.4.4 `string PageStructureMaker::startH1` [protected], [inherited]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

3.6.4.5 `string Login::userEmailID` [protected]

For reading emailID in text field

Definition at line 41 of file login.h.

3.6.4.6 `string Login::userPassword` [protected]

For reading password in text field

Definition at line 41 of file login.h.

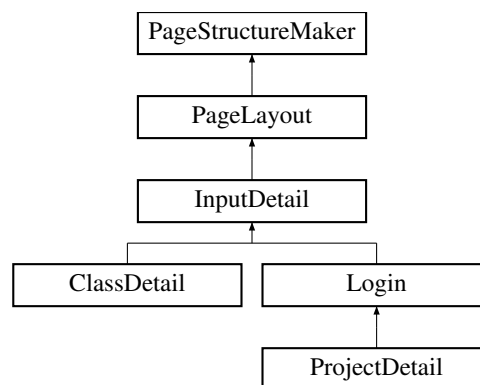
The documentation for this class was generated from the following files:

- src/login.h
- src/login.cc

3.7 PageLayout Class Reference

```
#include <pagelayout.h>
```

Inheritance diagram for PageLayout:



Public Member Functions

- [PageLayout](#) ()
- void [Header](#) ()
- void [Footer](#) ()
- void [Menu](#) ()
- void [Logo](#) (string logoName)

- void [Head](#) (string titleName)
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)
- void [BodyStart](#) ()
- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- string **projectName**
- ifstream **inFile**
- ofstream **outFile**
- string [startH1](#)
- string **endH1**
- string **startH3**
- string **endH3**
- string **startTD**
- string **endTD**
- string **startTH**
- string **endTH**
- string **startTR**
- string **endTR**
- string **startB**
- string **endB**
- string **brk**

3.7.1 Detailed Description

----- Include required header files -----

Class: [PageLayout](#) : public [PageStructureMaker](#) Description: For adding header and footer to page

Definition at line 33 of file pagelayout.h.

3.7.2 Constructor & Destructor Documentation

3.7.2.1 `PageLayout::PageLayout ()`

Constructor

----- Include local header file -----
 ----- Function Definitions of [PageLayout](#) Class -----
 ----- Class: [PageLayout](#) -----
 Method: [PageLayout](#) :: [PageLayout\(\)](#) Description: Constructor -----
 Definition at line 37 of file pagelayout.cc.

3.7.3 Member Function Documentation

3.7.3.1 `void PageStructureMaker::Anchor (string href, string target)` [inherited]

Anchor Tag

Class: [PageStructureMaker](#)
 Method: [PageStructureMaker](#) :: [Anchor\(string href\)](#)
 Description: Anchor Tag

 Definition at line 318 of file pagestructure.cc.

3.7.3.2 `void PageStructureMaker::BodyEnd ()` [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [BodyEnd\(\)](#) Description: Display </BODY> -----
 Definition at line 180 of file pagestructure.cc.

3.7.3.3 `void PageStructureMaker::BodyStart ()` [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [BodyStart\(\)](#) Description: Display <BODY> -----
 Definition at line 166 of file pagestructure.cc.

3.7.3.4 `void PageStructureMaker::Button (string id, string type, string className, string value)` [inherited]

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [Button\(string id, string type, string className, string value\)](#) Description: Create button(next, submit, etc) -----
 Definition at line 436 of file pagestructure.cc.

3.7.3.5 `void PageStructureMaker::CSS (string href)` [inherited]

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: CSS\(string href\)](#) Description: Add External CSS file -----
 Definition at line 138 of file pagestructure.cc.

3.7.3.6 void PageStructureMaker::DivEnd () [inherited]

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivEnd\(\)](#) Description: Close Div Section -----
 Definition at line 209 of file pagestructure.cc.

3.7.3.7 void PageStructureMaker::DivStart (string id, string className) [inherited]

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivStart\(string id, string className\)](#) Description: Start Div Section with id and className(for CSS) -----
 Definition at line 195 of file pagestructure.cc.

3.7.3.8 void PageLayout::Footer ()

Footer Section of Page

----- Class: [PageLayout](#) Method: [PageLayout :: Footer\(\)](#)
 Description: Footer of pages -----
 Reimplemented in [InputDetail](#).
 Definition at line 147 of file pagelayout.cc.

3.7.3.9 void PageStructureMaker::FormEnd () [inherited]

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormEnd\(\)](#) Description: Close Form -----
 Definition at line 238 of file pagestructure.cc.

3.7.3.10 void PageStructureMaker::FormStart (string name, string action, string method) [inherited]

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormStart\(string name, string action, string method\)](#) Description: Start Form with name, action and method(GET/POST) -----
 Definition at line 223 of file pagestructure.cc.

3.7.3.11 void PageLayout::Head (string titleName)

Head Section of Page

----- Class: [PageLayout](#) Method: [PageLayout :: Head\(string titleName\)](#) Description: Head Section of page, titleName pass to Title function. -----

Definition at line 105 of file pagelayout.cc.

3.7.3.12 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadEnd\(\)](#) Description: Display </HEAD> -----

Definition at line 112 of file pagestructure.cc.

3.7.3.13 void PageLayout::Header ()

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----

Definition at line 88 of file pagelayout.cc.

3.7.3.14 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadStart\(\)](#) Description: Display <HEAD> -----

Definition at line 99 of file pagestructure.cc.

3.7.3.15 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLEnd\(\)](#) Description: Display </HTML> -----

Definition at line 86 of file pagestructure.cc.

3.7.3.16 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLStart\(\)](#) Description: Display <HTML> Tag -----

Definition at line 73 of file pagestructure.cc.

3.7.3.17 void PageStructureMaker::InputField (string type, string name, int nameNo, string value) [inherited]

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [InputField\(string type, string name, string value\)](#) Description: Create Input fields like text field, submit button,
etc. -----

Definition at line 333 of file pagestructure.cc.

3.7.3.18 void PageStructureMaker::InputField (string *type*, string *name*, string *value*) [inherited]

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: InputField(string type, string name, string value)

Description: For creating input field with 3 arguments

Definition at line 361 of file pagestructure.cc.

3.7.3.19 void PageStructureMaker::Javascript (string *src*) [inherited]

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Javascript\(string src\)](#) Description: Add external Javascript file -----

Definition at line 153 of file pagestructure.cc.

3.7.3.20 void PageStructureMaker::ListEnd (string *listType*) [inherited]

End List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListEnd(string listType)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.7.3.21 void PageStructureMaker::ListItem (string *listItem*) [inherited]

List Item

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListItem(string listItem)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.7.3.22 void PageStructureMaker::ListStart (string *listType*) [inherited]

Start List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListStart(string listType)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.7.3.23 void PageLayout::Logo (string *logoName*)

Logo on Page

Class: [PageLayout](#) Method: [PageLayout :: Logo\(string logoName\)](#) Description: Logo to project -----

Definition at line 73 of file pagelayout.cc.

3.7.3.24 void PageLayout::Menu ()

List/Menu Navigation()

Class: [PageLayout](#) Method: [PageLayout :: Menu\(\)](#) Description: Add Menu on pages(for navigation) -----

Definition at line 50 of file pagelayout.cc.

3.7.3.25 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

Class: [PageStructureMaker](#) Method: [PageStructureMaker :: SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.7.3.26 void PageStructureMaker::SelectFieldStart (string *name*) [inherited]

Select Field Start

Class: [PageStructureMaker](#) Method: [PageStructureMaker :: SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.7.3.27 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

Class: [PageStructureMaker](#) Method: [PageStructureMaker :: SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.7.3.28 void PageStructureMaker::SelectOptionStart (string *value*, string *selected*) [inherited]

Select Option Start

Class: [PageStructureMaker](#) Method: [PageStructureMaker :: SelectOptionStart\(string value, string selected\)](#) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.7.3.29 void PageStructureMaker::SetHTMLVariables () [inherited]

Assign Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SetHTMLVariables\(\)](#) Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.7.3.30 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [TableEnd\(\)](#) Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.7.3.31 void PageStructureMaker::TableStart (string id, string className) [inherited]

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [TableStart\(string id, string className\)](#) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.7.3.32 void PageStructureMaker::Title (string pageTitle) [inherited]

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Title\(string pageTitle\)](#) Description: Display Page Title -----

Definition at line 125 of file pagestructure.cc.

3.7.4 Member Data Documentation**3.7.4.1 string PageStructureMaker::startH1 [protected],[inherited]**

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

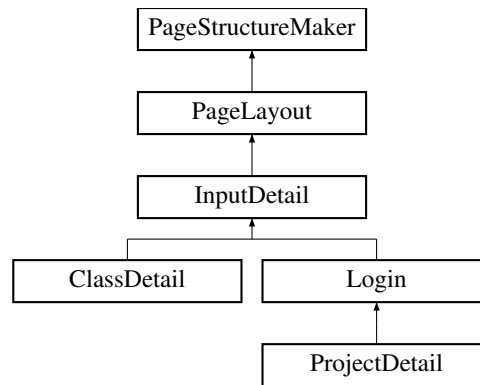
The documentation for this class was generated from the following files:

- src/pagelayout.h
- src/pagelayout.cc

3.8 PageStructureMaker Class Reference

```
#include <pagestructure.h>
```

Inheritance diagram for PageStructureMaker:



Public Member Functions

- [PageStructureMaker](#) ()
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)
- void [BodyStart](#) ()
- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- string [startH1](#)
- string [endH1](#)
- string [startH3](#)
- string [endH3](#)
- string [startTD](#)
- string [endTD](#)
- string [startTH](#)

- string **endTH**
- string **startTR**
- string **endTR**
- string **startB**
- string **endB**
- string **brk**

3.8.1 Detailed Description

Include Header file =====

Class: [PageStructureMaker](#) Description: Declaration =====

Definition at line 31 of file pagestructure.h.

3.8.2 Constructor & Destructor Documentation

3.8.2.1 PageStructureMaker::PageStructureMaker ()

Constructor

----- Include htmltags.h header files -----

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [PageStructureMaker\(\)](#) Description: Constructor -----

Definition at line 33 of file pagestructure.cc.

3.8.3 Member Function Documentation

3.8.3.1 void PageStructureMaker::Anchor (string href, string target)

Anchor Tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Anchor(string href)

Description: Anchor Tag

Definition at line 318 of file pagestructure.cc.

3.8.3.2 void PageStructureMaker::BodyEnd ()

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyEnd\(\)](#) Description: Display </BODY> -----

Definition at line 180 of file pagestructure.cc.

3.8.3.3 void PageStructureMaker::BodyStart ()

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyStart\(\)](#) Description: Display <BODY> -----

Definition at line 166 of file pagestructure.cc.

3.8.3.4 void PageStructureMaker::Button (string *id*, string *type*, string *className*, string *value*)

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: Button(string id, string type, string className, string value) Description: Create button(next, submit, etc) -----

Definition at line 436 of file pagestructure.cc.

3.8.3.5 void PageStructureMaker::CSS (string *href*)

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: C-
SS(string href) Description: Add External CSS file -----

Definition at line 138 of file pagestructure.cc.

3.8.3.6 void PageStructureMaker::DivEnd ()

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: DivEnd() Description: Close Div Section -----

Definition at line 209 of file pagestructure.cc.

3.8.3.7 void PageStructureMaker::DivStart (string *id*, string *className*)

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: DivStart(string id, string className) Description: Start Div Section with id and className(for CSS) -----

Definition at line 195 of file pagestructure.cc.

3.8.3.8 void PageStructureMaker::FormEnd ()

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: FormEnd() Description: Close Form -----

Definition at line 238 of file pagestructure.cc.

3.8.3.9 void PageStructureMaker::FormStart (string *name*, string *action*, string *method*)

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: FormStart(string name, string action, string method) Description: Start Form with name, action and method(GET/POST) -----

Definition at line 223 of file pagestructure.cc.

3.8.3.10 void PageStructureMaker::HeadEnd ()

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadEnd\(\)](#) Description: Display </HEAD> -----

Definition at line 112 of file pagestructure.cc.

3.8.3.11 void PageStructureMaker::HeadStart ()

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [HeadStart\(\)](#) Description: Display <HEAD> -----

Definition at line 99 of file pagestructure.cc.

3.8.3.12 void PageStructureMaker::HTMLEnd ()

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLEnd\(\)](#) Description: Display </HTML> -----

Definition at line 86 of file pagestructure.cc.

3.8.3.13 void PageStructureMaker::HTMLStart ()

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [H-](#)
[TMLStart\(\)](#) Description: Display <HTML> Tag -----

Definition at line 73 of file pagestructure.cc.

3.8.3.14 void PageStructureMaker::InputField (string type, string name, int nameNo, string value)

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [InputField](#)(string type, string name, string value) Description: Create Input fields like text field, submit button,
etc. -----

Definition at line 333 of file pagestructure.cc.

3.8.3.15 void PageStructureMaker::InputField (string type, string name, string value)

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: [InputField](#)(string type, string name, string value)

Description: For creating input field with 3 arguments

Definition at line 361 of file pagestructure.cc.

3.8.3.16 void PageStructureMaker::Javascript (string *src*)

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [Javascript\(string src\)](#) Description: Add external Javascript file -----

Definition at line 153 of file pagestructure.cc.

3.8.3.17 void PageStructureMaker::ListEnd (string *listType*)

End List

Class: [PageStructureMaker](#)Method: [PageStructureMaker](#) :: [ListEnd\(string listType\)](#)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.8.3.18 void PageStructureMaker::ListItem (string *listItem*)

List Item

Class: [PageStructureMaker](#)Method: [PageStructureMaker](#) :: [ListItem\(string listItem\)](#)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.8.3.19 void PageStructureMaker::ListStart (string *listType*)

Start List

Class: [PageStructureMaker](#)Method: [PageStructureMaker](#) :: [ListStart\(string listType\)](#)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.8.3.20 void PageStructureMaker::SelectFieldEnd ()

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.8.3.21 void PageStructureMaker::SelectFieldStart (string *name*)

Select Field Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.8.3.22 void PageStructureMaker::SelectOptionEnd ()

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.8.3.23 void PageStructureMaker::SelectOptionStart (string *value*, string *selected*)

Select Option Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionStart\(string value, string selected\)](#) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.8.3.24 void PageStructureMaker::SetHTMLVariables ()

Assign Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SetHTMLVariables\(\)](#) Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.8.3.25 void PageStructureMaker::TableEnd ()

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableEnd\(\)](#) Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.8.3.26 void PageStructureMaker::TableStart (string *id*, string *className*)

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableStart\(string id, string className\)](#) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.8.3.27 void PageStructureMaker::Title (string *pageTitle*)

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Title\(string pageTitle\)](#) Description: Display Page Tile -----

Definition at line 125 of file pagestructure.cc.

3.8.4 Member Data Documentation

3.8.4.1 string PageStructureMaker::startH1 [protected]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

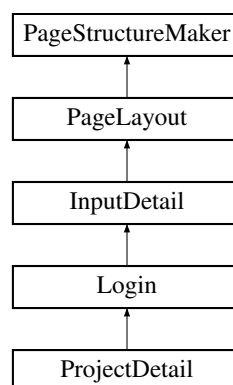
The documentation for this class was generated from the following files:

- src/pagestructure.h
- src/pagestructure.cc

3.9 ProjectDetail Class Reference

```
#include <projectdetail.h>
```

Inheritance diagram for ProjectDetail:



Public Member Functions

- [ProjectDetail](#) ()
- void [ProjectDetailPage](#) ()
- void [AuthorizeUser](#) ()
- void [BackToLoginPage](#) ()
- [~ProjectDetail](#) ()
- void [LoginPage](#) ()
- void [ReadLoginDetail](#) ()
- void [Register](#) ()
- void [SelectLoginDetail](#) ()
- void [Header](#) (string titleName)
- void [Header](#) ()
- void [Footer](#) ()

- string [IntToString](#) (int value)
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetHTMLVariables](#) ()
- void [HTMLStart](#) ()
- void [HTMLEnd](#) ()
- void [HeadStart](#) ()
- void [HeadEnd](#) ()
- void [Title](#) (string pageTitle)
- void [CSS](#) (string href)
- void [Javascript](#) (string src)
- void [BodyStart](#) ()
- void [BodyEnd](#) ()
- void [DivStart](#) (string id, string className)
- void [DivEnd](#) ()
- void [FormStart](#) (string name, string action, string method)
- void [FormEnd](#) ()
- void [TableStart](#) (string id, string className)
- void [TableEnd](#) ()
- void [ListStart](#) (string listType)
- void [ListEnd](#) (string listType)
- void [ListItem](#) (string listItem)
- void [Anchor](#) (string href, string target)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [InputField](#) (string type, string name, string value)
- void [SelectFieldStart](#) (string name)
- void [SelectFieldEnd](#) ()
- void [SelectOptionStart](#) (string value, string selected)
- void [SelectOptionEnd](#) ()
- void [Button](#) (string id, string type, string className, string value)

Protected Attributes

- vector< string > [emailID](#)
- vector< string > [password](#)
- string [userEmailID](#)
- string [userPassword](#)
- [InputFieldName](#) [fieldName](#)
- [ReadInputField](#) [readField](#)
- [Database](#) [database](#)
- int [i](#)
- int [j](#)
- int [k](#)
- stringstream [ss](#)
- string [temp](#)
- string [projectName](#)
- ifstream [inFile](#)
- ofstream [outFile](#)
- string [startH1](#)
- string [endH1](#)
- string [startH3](#)
- string [endH3](#)
- string [startTD](#)

- string **endTD**
- string **startTH**
- string **endTH**
- string **startTR**
- string **endTR**
- string **startB**
- string **endB**
- string **brk**

3.9.1 Detailed Description

----- Include [login.h](#) header files -----
 ----- ===== Class:
[ProjectDetail](#) Description: For getting project name and giving unique project ID. =====
 Definition at line 35 of file projectdetail.h.

3.9.2 Constructor & Destructor Documentation

3.9.2.1 [ProjectDetail::ProjectDetail](#) ()

[ProjectDetail](#) Constructor

 Include [projectdetail.h](#) for definition of class [ProjectDetail](#)

 Class: [ProjectDetail](#)

Method: [ProjectDetail](#) :: [ProjectDetail](#)()

Description: Constructor of [ProjectDetail](#)

 Definition at line 37 of file projectdetail.cc.

3.9.2.2 [ProjectDetail::~~ProjectDetail](#) ()

Destructor

 Class: [ProjectDetail](#)

Method: [ProjectDetail](#) :: [~ProjectDetail](#)()

Description: Destuctor

 Definition at line 105 of file projectdetail.cc.

3.9.3 Member Function Documentation

3.9.3.1 [void PageStructureMaker::Anchor](#) ([string href](#), [string target](#)) [inherited]

Anchor Tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: [Anchor](#)(string href)

Description: Anchor Tag

Definition at line 318 of file pagestructure.cc.

3.9.3.2 void ProjectDetail::AuthorizeUser ()

Checking user login details valid or not

Class: [ProjectDetail](#)

Method: [ProjectDetail](#) :: [AuthorizeUser](#)()

Description: Checking user login details valid or invalid

----- Matching user details with values in database

< If login details valid

< If login details invalid

Definition at line 50 of file projectdetail.cc.

3.9.3.3 void ProjectDetail::BackToLoginPage ()

Back to login.html page if user details invalid

3.9.3.4 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyEnd](#)() Description: Display </BODY> -----

Definition at line 180 of file pagestructure.cc.

3.9.3.5 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [BodyStart](#)() Description: Display <BODY> -----

Definition at line 166 of file pagestructure.cc.

3.9.3.6 void PageStructureMaker::Button (string id, string type, string className, string value) [inherited]

Button

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Button](#)(string id, string type, string className, string value) Description: Create button(next, submit, etc) -----

Definition at line 436 of file pagestructure.cc.

3.9.3.7 void PageStructureMaker::CSS (string href) [inherited]

Add External CSS

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: CSS\(string href\)](#) Description: Add External CSS file -----

Definition at line 138 of file pagestructure.cc.

3.9.3.8 void PageStructureMaker::DivEnd () [inherited]

End div section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivEnd\(\)](#) Description: Close Div Section -----

Definition at line 209 of file pagestructure.cc.

3.9.3.9 void PageStructureMaker::DivStart (string id, string className) [inherited]

Start Div Section

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: DivStart\(string id, string className\)](#) Description: Start Div Section with id and className(for CSS) -----

Definition at line 195 of file pagestructure.cc.

3.9.3.10 void InputDetail::Footer () [inherited]

----- Class: [InputDetail](#) Method: [InputDetail :: Footer\(\)](#) Description: Common for all pages(end body, html) -----

Reimplemented from [PageLayout](#).

Definition at line 68 of file inputdetail.cc.

3.9.3.11 void PageStructureMaker::FormEnd () [inherited]

End Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormEnd\(\)](#) Description: Close Form -----

Definition at line 238 of file pagestructure.cc.

3.9.3.12 void PageStructureMaker::FormStart (string name, string action, string method) [inherited]

Start Form

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: FormStart\(string name, string action, string method\)](#) Description: Start Form with name, action and method(GET/POST) -----

Definition at line 223 of file pagestructure.cc.

3.9.3.13 void PageLayout::Head (string titleName) [inherited]

Head Section of Page

----- Class: [PageLayout](#) Method: [PageLayout :: Head\(string title-Name\)](#) Description: Head Section of page, titlaName pass to Title function. -----

Definition at line 105 of file pagelayout.cc.

3.9.3.14 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :- HeadEnd\(\)](#) Description: Display </HEAD> -----

Definition at line 112 of file pagestructure.cc.

3.9.3.15 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout :: Header\(\)](#) Description: Call Menu Function -----

Definition at line 88 of file pagelayout.cc.

3.9.3.16 void InputDetail::Header (string *titleName*) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail :: Header\(string title-Name\)](#) Description: common header for all pages(start html, head, body) -----

Definition at line 50 of file inputdetail.cc.

3.9.3.17 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :- HeadStart\(\)](#) Description: Display <HEAD> -----

Definition at line 99 of file pagestructure.cc.

3.9.3.18 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: HTMLEnd\(\)](#) Description: Display </HTML> -----

Definition at line 86 of file pagestructure.cc.

3.9.3.19 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker :: HTMLStart\(\)](#) Description: Display <HTML> Tag -----

Definition at line 73 of file pagestructure.cc.

3.9.3.20 void PageStructureMaker::InputField (string type, string name, int nameNo, string value) [inherited]

Input Field with 4 arguments

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: InputField(string type, string name, string value) Description: Create Input fields like text field, submit button,
etc. -----

Definition at line 333 of file pagestructure.cc.

3.9.3.21 void PageStructureMaker::InputField (string type, string name, string value) [inherited]

Input field with 3 arguments

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: InputField(string type, string name, string value)

Description: For creating input field with 3 arguments

Definition at line 361 of file pagestructure.cc.

3.9.3.22 string InputDetail::IntToString (int value) [inherited]

----- Class: [InputDetail](#) Method: [InputDetail](#) :: IntToString(int value)
Description: Convert Int to String using stringstream object -----

Definition at line 82 of file inputdetail.cc.

3.9.3.23 void PageStructureMaker::Javascript (string src) [inherited]

Add Javascript File

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: Javascript(string src) Description: Add external Javascript file -----

Definition at line 153 of file pagestructure.cc.

3.9.3.24 void PageStructureMaker::ListEnd (string listType) [inherited]

End List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: ListEnd(string listType)

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

3.9.3.25 void PageStructureMaker::ListItem (string listItem) [inherited]

List Item

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListItem\(string listItem\)](#)

Description: List Item

Definition at line 305 of file pagestructure.cc.

3.9.3.26 void PageStructureMaker::ListStart (string *listType*) [inherited]

Start List

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: ListStart\(string listType\)](#)

Description: Start any list like ul, ol, etc.

Definition at line 279 of file pagestructure.cc.

3.9.3.27 void Login::LoginPage () [inherited]

Creating login page

Class: [Login](#)

Method: [Login :: LoginPage\(\)](#)

Description: Form for user login

Definition at line 88 of file login.cc.

3.9.3.28 void PageLayout::Logo (string *logoName*) [inherited]

Logo on Page

----- Class: [PageLayout](#) Method: [PageLayout :: Logo\(string logoName\)](#) Description: Logo to project -----

Definition at line 73 of file pagelayout.cc.

3.9.3.29 void PageLayout::Menu () [inherited]

List/Menu Navigation()

----- Class: [PageLayout](#) Method: [PageLayout :: Menu\(\)](#) Description: Add Menu on pages(for navigation) -----

Definition at line 50 of file pagelayout.cc.

3.9.3.30 void ProjectDetail::ProjectDetailPage ()

Display Page for project details

Class: [ProjectDetail](#)

Method: [ProjectDetail](#) :: [ProjectDetailPage\(\)](#)

Description: Diplaying page for project details

Definition at line 72 of file projectdetail.cc.

3.9.3.31 void [Login](#)::[ReadLoginDetail](#) () [inherited]

Read [Login](#) Detail

Class: [Login](#)

Method: [Login](#) :: [ReadLoginDetail\(\)](#)

Description: Reading login detail from text fileds given by user

Definition at line 74 of file login.cc.

3.9.3.32 void [Login](#)::[Register](#) () [inherited]

Register user page

Class: [Login](#)

Method: [Login](#) :: [Register\(\)](#)

Description: Register new user

Definition at line 128 of file login.cc.

3.9.3.33 void [PageStructureMaker](#)::[SelectFieldEnd](#) () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldEnd\(\)](#) Description: Close select field -----

Definition at line 392 of file pagestructure.cc.

3.9.3.34 void [PageStructureMaker](#)::[SelectFieldStart](#) (string *name*) [inherited]

Select Field Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldStart\(string name\)](#) Description: Create Select Field -----

Definition at line 379 of file pagestructure.cc.

3.9.3.35 void [Login](#)::[SelectLoginDetail](#) () [inherited]

For selecting emial and password fron user table

Class: [Login](#)

Method: [Login :: SelectLoginDetail\(\)](#)

Description: For reading email id's and passwords from User table

 Definition at line 46 of file login.cc.

3.9.3.36 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionEnd\(\)](#) Description: Close select option -----

Definition at line 422 of file pagestructure.cc.

3.9.3.37 void PageStructureMaker::SelectOptionStart (string value, string selected) [inherited]

Select Option Start

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionStart\(string value, string selected\)](#) Description: Options for select -----

Definition at line 406 of file pagestructure.cc.

3.9.3.38 void PageStructureMaker::SetHTMLVariables () [inherited]

Assingn Values to variables

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SetHTMLVariables\(\)](#) Description: Set values of common HTML tags in respective variables. -----

Definition at line 48 of file pagestructure.cc.

3.9.3.39 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableEnd\(\)](#) Description: Close Table tag -----

Definition at line 266 of file pagestructure.cc.

3.9.3.40 void PageStructureMaker::TableStart (string id, string className) [inherited]

Start Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [TableStart\(string id, string className\)](#) Description: Start Table with id and className(CSS) attributes -----

Definition at line 252 of file pagestructure.cc.

3.9.3.41 void PageStructureMaker::Title (string *pageTitle*) [inherited]

Display <TITLE> </TITLE>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [Title\(string pageTitle\)](#) Description: Display Page Tile -----

Definition at line 125 of file pagestructure.cc.

3.9.4 Member Data Documentation

3.9.4.1 vector<string> Login::emailID [protected],[inherited]

For storing email and password of users Email ID as vector

Definition at line 38 of file login.h.

3.9.4.2 InputFieldName InputDetail::fieldName [protected],[inherited]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.9.4.3 vector<string> Login::password [protected],[inherited]

password as vector variable

Definition at line 38 of file login.h.

3.9.4.4 string PageStructureMaker::startH1 [protected],[inherited]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

3.9.4.5 string Login::userEmailID [protected],[inherited]

For reading emailID in text field

Definition at line 41 of file login.h.

3.9.4.6 string Login::userPassword [protected],[inherited]

For reading password in text field

Definition at line 41 of file login.h.

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

- src/projectdetail.h
- src/projectdetail.cc

3.10 ReadInputField Class Reference

```
#include <readinputfield.h>
```


Public Member Functions

- [ReadInputField](#) ()
Constructor.
- string [ReadFieldValue](#) (string fieldName)
Public Member Functions.
- string [ReadFieldValue](#) (string fieldName, int fieldNo)
- int [StringToInt](#) (string value)
Convert String to Integer.

Protected Attributes

- string [fieldValue](#)
For storing value of field.
- Cgicc [formData](#)
Variables used in reading input fields.
- form_iterator [fi](#)

3.10.1 Detailed Description

----- Include required header files -----
----- Class:

[ReadInputField](#) Description: For reading values of fields like textbox, select, etc. =====

Definition at line 36 of file readinputfield.h.

3.10.2 Constructor & Destructor Documentation

3.10.2.1 ReadInputField::ReadInputField () [inline]

Constructor.

Definition at line 48 of file readinputfield.h.

3.10.3 Member Function Documentation

3.10.3.1 string ReadInputField::ReadFieldValue (string fieldName)

Public Member Functions.

Read Field's Value with one argument fieldName

----- Include Header file of [ReadInputField](#) class declaration -----
----- Definition of member functions of [ReadInputField](#) Class -----
----- Class: [ReadInputField](#) Method: [ReadInputField](#) :: [ReadFieldValue](#)(string fieldName)
Description: Read field's value and return it as string -----

Definition at line 37 of file readinputfield.cc.

3.10.3.2 string ReadInputField::ReadFieldValue (string fieldName, int fieldNo)

Read Field's value with two arguments fieldName and field no.)

----- Class: [ReadInputField](#) Method: [ReadInputField](#) :: [ReadFieldValue](#)(string fieldName, int fieldNo) Description: Read field's value and return it as string -----

Definition at line 60 of file readinputfield.cc.

3.10.3.3 int ReadInputField::StringToInt (string value)

Convert String to Integer.

----- Class: [ReadInputField](#) Method: [ReadInputField](#) :: [StringToInt](#)(string value) Description: Converts string value to integer -----

Definition at line 77 of file readinputfield.cc.

3.10.4 Member Data Documentation

3.10.4.1 string ReadInputField::fieldValue [protected]

For storing value of field.

Definition at line 40 of file readinputfield.h.

3.10.4.2 Cgicc ReadInputField::formData [protected]

Variables used in reading input fields.

Definition at line 43 of file readinputfield.h.

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

- src/readinputfield.h
- src/readinputfield.cc

3.11 RollNoDetail Class Reference

```
#include <rollnodetail.h>
```

Public Member Functions

- [RollNoDetail](#) ()
Constructor.
- [ReadClassDetails](#) ()
Reading class details from previous page using cgicc.
- [WriteClassDetails](#) ()

Protected Attributes

- string [prefix](#) [MIN_SIZE]
for storing values of class details
- string **startRollNo** [MIN_SIZE]
- string **endRollNo** [MIN_SIZE]
- string **notIncluded** [MIN_SIZE]
- int **totalClasses**

3.11.1 Detailed Description

----- Include required header files -----

 ----- Class:
[RollNoDetail](#) Description: [RollNoDetail](#) class for -----
 Definition at line 33 of file rollnodetail.h.

3.11.2 Constructor & Destructor Documentation

3.11.2.1 RollNoDetail::RollNoDetail ()

Constructor.

----- Include rollnodetails.h for [RollNoDetail](#) class declaration -----
 ----- Definition of func-
 tions [RollNoDetail](#) Class -----
 ----- Class: [RollNoDetail](#) Method: [RollNoDetail](#) :: [RollNoDetail\(\)](#) Description: Constructor -----

 Definition at line 37 of file rollnodetail.cc.

3.11.3 Member Function Documentation

3.11.3.1 void RollNoDetail::ReadClassDetails ()

Reading class details from previous page using cgicc.

----- Class: [RollNoDetail](#) Method: [RollNoDetail](#) :: [ReadClass-](#)
[Details\(\)](#) Description: For reading class details from previous page -----

 Definition at line 50 of file rollnodetail.cc.

3.11.4 Member Data Documentation

3.11.4.1 string RollNoDetail::prefix[MIN.SIZE] [protected]

for storing values of class details

Definition at line 37 of file rollnodetail.h.

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

- src/rollnodetail.h
- src/rollnodetail.cc

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