BaKaPlan

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Contents

Chapter 1

Class Index

1.1 Class Hierarchy

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

Chapter 2

Class Index

2.1 Class List

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

Chapter 3

Class Documentation

3.1 ClassDetail Class Reference

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

Inheritance diagram for ClassDetail:

```
┌─────────────────────────┐
│   PageStructureMaker     │
└─────────────────────────┘
             ▲
┌─────────────────────────┐
│       PageLayout         │
└─────────────────────────┘
             ▲
┌─────────────────────────┐
│       InputDetail        │
└─────────────────────────┘
             ▲
┌─────────────────────────┐
│       ClassDetail        │
└─────────────────────────┘
```
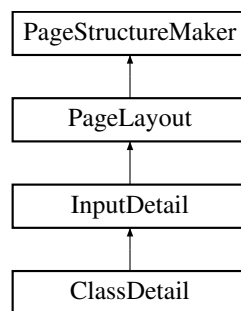
Public Member Functions

- 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

== Class: ClassDetail 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.

-- Incude header file which has ClassDetail's declaration ——————————————————————————————————————— -- Defnition 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 :: C- SS(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(GE-
T/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 title-
Name) Description: Head Section of page, titlaName 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 title-
Name) 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 :: H-
TMLEnd() 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 :: H-
TMLStart() 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 logo-Name) 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]`

Selct 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 accessability ===

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 conectivity --

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:
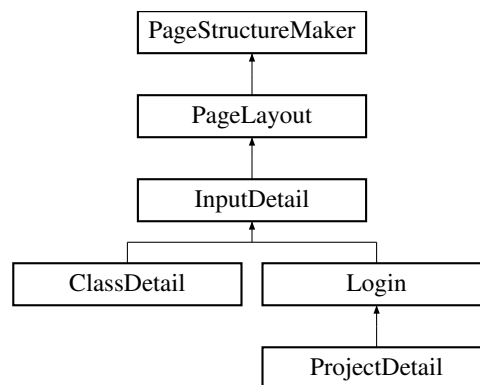
Public Member Functions

- 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: Input-
Detail :: 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 :: C-SS(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(GE-T/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 title-Name) Description: Head Section of page, titlaName 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]`

Selct 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 Decla-
ration ——————————————————————— -- Defini-
tion 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 :: SetField-Names() 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 jascript

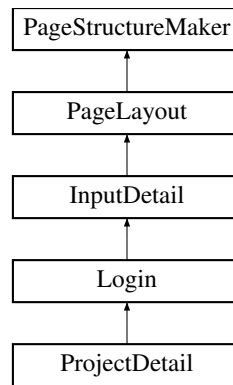
Definition at line 47 of file javascript.cc.

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:

```
                        ┌──────────────────────┐
                        │  PageStructureMaker  │
                        └──────────────────────┘
                                   ▲
                        ┌──────────────────────┐
                        │     PageLayout       │
                        └──────────────────────┘
                                   ▲
                        ┌──────────────────────┐
                        │     InputDetail      │
                        └──────────────────────┘
                                   ▲
                        ┌──────────────────────┐
                        │        Login         │
                        └──────────────────────┘
                                   ▲
                        ┌──────────────────────┐
                        │    ProjectDetail     │
                        └──────────────────────┘
```

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(GE-
T/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 title-
Name) Description: Head Section of page, titlaName 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 logo-Name) 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 fileds 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 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.

3.6.3.33 void PageStructureMaker::SelectOptionEnd ( ) `[inherited]`

Selct 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]`

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.

3.6.3.36 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 Tile ---

Definition at line 125 of file pagestructure.cc.

3.6.4 Member Data Documentation

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

For storting 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:
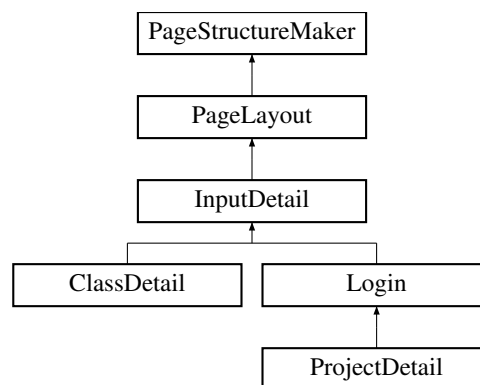
Public Member Functions

- 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 :: C-SS(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(GE-T/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 title-Name) Description: Head Section of page, titlaName 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 logo-](#)[Name)](#) 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]`

Selct 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]`

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.

3.7.3.30 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 Tile --

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:
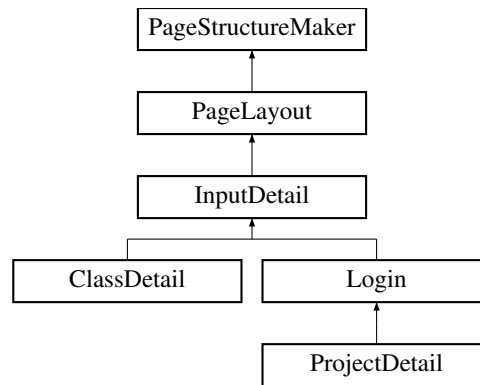
Public Member Functions

- 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: Page-StructureMaker :: 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(GE-
T/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 (   )

Selct 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 (   )

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.

3.8.3.25   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:

```
┌─────────────────────────┐
│   PageStructureMaker     │
└─────────────────────────┘
            ▲
┌─────────────────────────┐
│      PageLayout          │
└─────────────────────────┘
            ▲
┌─────────────────────────┐
│      InputDetail         │
└─────────────────────────┘
            ▲
┌─────────────────────────┐
│         Login            │
└─────────────────────────┘
            ▲
┌─────────────────────────┐
│      ProjectDetail       │
└─────────────────────────┘
```
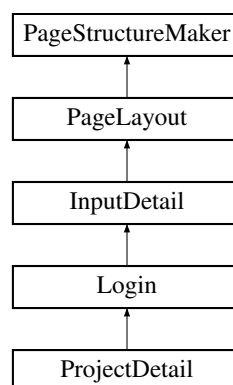
Public Member Functions

- 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 Consructor

———————————————————————————————-

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 :: C-SS(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(GE-T/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 :: H-TMLEnd() 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 :: H-TMLStart() 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 logo-Name) 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]`

Selct 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 storting 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 mem-
ber 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 :: ReadField-Value(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 :: StringTo-Int(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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