

BaKaPlan

Version 0.6

Generated by Doxygen 1.8.1.2

Thu Mar 14 2013 23:57:19

Contents

1	Class Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	Class Documentation	5
3.1	ClassDetail Class Reference	5
3.1.1	Detailed Description	7
3.1.2	Constructor & Destructor Documentation	7
3.1.2.1	ClassDetail	7
3.1.2.2	~ClassDetail	7
3.1.3	Member Function Documentation	7
3.1.3.1	Anchor	7
3.1.3.2	BodyEnd	8
3.1.3.3	BodyStart	8
3.1.3.4	Button	8
3.1.3.5	ClassInfoPage	8
3.1.3.6	ContextType	8
3.1.3.7	CSS	8
3.1.3.8	DivEnd	9
3.1.3.9	DivStart	9
3.1.3.10	Footer	9
3.1.3.11	FormEnd	9
3.1.3.12	FormStart	9
3.1.3.13	Head	9
3.1.3.14	HeadEnd	9
3.1.3.15	Header	10
3.1.3.16	Header	10
3.1.3.17	HeadStart	10
3.1.3.18	HTMLEnd	10
3.1.3.19	HTMLStart	10

3.1.3.20	InputField	10
3.1.3.21	InputField	11
3.1.3.22	IntToString	11
3.1.3.23	Javascript	11
3.1.3.24	ListEnd	11
3.1.3.25	ListItem	11
3.1.3.26	ListStart	12
3.1.3.27	Logo	12
3.1.3.28	LogoutLink	12
3.1.3.29	Menu	12
3.1.3.30	ProjectDetail	12
3.1.3.31	SelectFieldEnd	13
3.1.3.32	SelectFieldStart	13
3.1.3.33	SelectOptionEnd	13
3.1.3.34	SelectOptionStart	13
3.1.3.35	SetCookies	13
3.1.3.36	SetHTMLVariables	13
3.1.3.37	StringToInt	14
3.1.3.38	TableEnd	14
3.1.3.39	TableStart	14
3.1.3.40	Title	14
3.1.3.41	TotalClasses	14
3.1.3.42	TotalClassesPage	14
3.1.4	Member Data Documentation	15
3.1.4.1	emailID	15
3.1.4.2	fieldName	15
3.1.4.3	projectID	15
3.1.4.4	projectName	15
3.1.4.5	sessionID	15
3.1.4.6	startH1	15
3.1.4.7	totalClasses	15
3.2	Database Class Reference	15
3.2.1	Detailed Description	16
3.2.2	Constructor & Destructor Documentation	16
3.2.2.1	Database	16
3.2.2.2	~Database	17
3.2.3	Member Function Documentation	17
3.2.3.1	InsertClassDetail	17
3.2.3.2	InsertExamDetail	17
3.2.3.3	InsertProjectName	17

3.2.3.4	InsertQuery	17
3.2.3.5	InsertQuery	18
3.2.3.6	InsertRoomDetail	18
3.2.3.7	InsertSession	18
3.2.3.8	InsertStrategy	18
3.2.3.9	InsertTotalCentres	19
3.2.3.10	InsertTotalClasses	19
3.2.3.11	InsertTotalRooms	19
3.2.3.12	InsertUser	19
3.2.3.13	SelectColumn	20
3.2.3.14	SelectProjectID	20
3.2.3.15	SelectQuery	20
3.2.3.16	SelectQuery	20
3.2.4	Member Data Documentation	20
3.2.4.1	connect	20
3.2.4.2	numrows	20
3.2.4.3	tLogin	21
3.3	InputDetail Class Reference	21
3.3.1	Detailed Description	23
3.3.2	Constructor & Destructor Documentation	23
3.3.2.1	InputDetail	23
3.3.3	Member Function Documentation	23
3.3.3.1	Anchor	23
3.3.3.2	BodyEnd	23
3.3.3.3	BodyStart	23
3.3.3.4	Button	23
3.3.3.5	ContextType	24
3.3.3.6	CSS	24
3.3.3.7	DivEnd	24
3.3.3.8	DivStart	24
3.3.3.9	Footer	24
3.3.3.10	FormEnd	24
3.3.3.11	FormStart	25
3.3.3.12	Head	25
3.3.3.13	HeadEnd	25
3.3.3.14	Header	25
3.3.3.15	Header	25
3.3.3.16	HeadStart	25
3.3.3.17	HTMLEnd	26
3.3.3.18	HTMLStart	26

3.3.3.19	InputField	26
3.3.3.20	InputField	26
3.3.3.21	IntToString	26
3.3.3.22	Javascript	26
3.3.3.23	ListEnd	27
3.3.3.24	ListItem	27
3.3.3.25	ListStart	27
3.3.3.26	Logo	27
3.3.3.27	LogoutLink	27
3.3.3.28	Menu	28
3.3.3.29	SelectFieldEnd	28
3.3.3.30	SelectFieldStart	28
3.3.3.31	SelectOptionEnd	28
3.3.3.32	SelectOptionStart	28
3.3.3.33	SetCookies	28
3.3.3.34	SetHTMLVariables	29
3.3.3.35	StringToInt	29
3.3.3.36	TableEnd	29
3.3.3.37	TableStart	29
3.3.3.38	Title	29
3.3.4	Member Data Documentation	29
3.3.4.1	emailID	29
3.3.4.2	fieldName	30
3.3.4.3	projectID	30
3.3.4.4	projectName	30
3.3.4.5	sessionID	30
3.3.4.6	startH1	30
3.4	InputFieldName Class Reference	30
3.4.1	Detailed Description	31
3.4.2	Constructor & Destructor Documentation	31
3.4.2.1	InputFieldName	31
3.4.3	Member Function Documentation	31
3.4.3.1	SetFieldNames	31
3.4.4	Member Data Documentation	32
3.4.4.1	centreName	32
3.4.4.2	className	32
3.4.4.3	columns	32
3.4.4.4	emailID	32
3.4.4.5	endRollNo	32
3.4.4.6	examDate	32

3.4.4.7	examName	32
3.4.4.8	examTime	32
3.4.4.9	examVenue	32
3.4.4.10	notIncluded	33
3.4.4.11	password	33
3.4.4.12	prefix	33
3.4.4.13	projectID	33
3.4.4.14	projectName	33
3.4.4.15	retypePassword	33
3.4.4.16	roomNo	33
3.4.4.17	rows	33
3.4.4.18	startRollNo	33
3.4.4.19	strategyChoice	34
3.4.4.20	subjectCode	34
3.4.4.21	subjectName	34
3.4.4.22	totalCentres	34
3.4.4.23	totalClasses	34
3.4.4.24	totalRooms	34
3.4.4.25	totalSubjects	34
3.5	JavaScript Class Reference	34
3.5.1	Detailed Description	35
3.5.2	Constructor & Destructor Documentation	35
3.5.2.1	JavaScript	35
3.5.3	Member Function Documentation	35
3.5.3.1	OnChangeEvent	35
3.5.3.2	OnFocusEvent	35
3.6	Login Class Reference	35
3.6.1	Detailed Description	37
3.6.2	Constructor & Destructor Documentation	38
3.6.2.1	Login	38
3.6.2.2	~Login	38
3.6.3	Member Function Documentation	38
3.6.3.1	AddNewUser	38
3.6.3.2	AlreadyLoggedIn	38
3.6.3.3	Anchor	38
3.6.3.4	BodyEnd	39
3.6.3.5	BodyStart	39
3.6.3.6	Button	39
3.6.3.7	ContextType	39
3.6.3.8	CSS	39

3.6.3.9	DivEnd	40
3.6.3.10	DivStart	40
3.6.3.11	Footer	40
3.6.3.12	FormEnd	40
3.6.3.13	FormStart	40
3.6.3.14	Head	40
3.6.3.15	HeadEnd	40
3.6.3.16	Header	41
3.6.3.17	Header	41
3.6.3.18	HeadStart	41
3.6.3.19	HTMLEnd	41
3.6.3.20	HTMLStart	41
3.6.3.21	InputField	41
3.6.3.22	InputField	42
3.6.3.23	IntToString	42
3.6.3.24	Javascript	42
3.6.3.25	ListEnd	42
3.6.3.26	ListItem	42
3.6.3.27	ListStart	43
3.6.3.28	LoginPage	43
3.6.3.29	Logo	43
3.6.3.30	LogoutLink	43
3.6.3.31	LogoutPage	43
3.6.3.32	Menu	44
3.6.3.33	ReadLoginDetail	44
3.6.3.34	RegisterPage	44
3.6.3.35	SelectFieldEnd	44
3.6.3.36	SelectFieldStart	44
3.6.3.37	SelectLoginDetail	45
3.6.3.38	SelectOptionEnd	45
3.6.3.39	SelectOptionStart	45
3.6.3.40	SetCookies	45
3.6.3.41	SetHTMLVariables	45
3.6.3.42	StringToInt	45
3.6.3.43	TableEnd	46
3.6.3.44	TableStart	46
3.6.3.45	Title	46
3.6.4	Member Data Documentation	46
3.6.4.1	currentDate	46
3.6.4.2	emailID	46

3.6.4.3	fieldName	46
3.6.4.4	msg	46
3.6.4.5	password	47
3.6.4.6	projectID	47
3.6.4.7	projectName	47
3.6.4.8	retypePassword	47
3.6.4.9	sessionID	47
3.6.4.10	startH1	47
3.6.4.11	userEmailID	47
3.6.4.12	userPassword	47
3.7	MD5 Class Reference	48
3.7.1	Detailed Description	48
3.8	PageLayout Class Reference	48
3.8.1	Detailed Description	50
3.8.2	Constructor & Destructor Documentation	50
3.8.2.1	PageLayout	50
3.8.3	Member Function Documentation	50
3.8.3.1	Anchor	50
3.8.3.2	BodyEnd	50
3.8.3.3	BodyStart	50
3.8.3.4	Button	50
3.8.3.5	ContextType	51
3.8.3.6	CSS	51
3.8.3.7	DivEnd	51
3.8.3.8	DivStart	51
3.8.3.9	Footer	51
3.8.3.10	FormEnd	52
3.8.3.11	FormStart	52
3.8.3.12	Head	52
3.8.3.13	HeadEnd	52
3.8.3.14	Header	52
3.8.3.15	HeadStart	52
3.8.3.16	HTMLEnd	52
3.8.3.17	HTMLStart	53
3.8.3.18	InputField	53
3.8.3.19	InputField	53
3.8.3.20	Javascript	53
3.8.3.21	ListEnd	53
3.8.3.22	ListItem	54
3.8.3.23	ListStart	54

3.8.3.24	Logo	54
3.8.3.25	LogoutLink	54
3.8.3.26	Menu	54
3.8.3.27	SelectFieldEnd	55
3.8.3.28	SelectFieldStart	55
3.8.3.29	SelectOptionEnd	55
3.8.3.30	SelectOptionStart	55
3.8.3.31	SetCookies	55
3.8.3.32	SetHTMLVariables	55
3.8.3.33	TableEnd	56
3.8.3.34	TableStart	56
3.8.3.35	Title	56
3.8.4	Member Data Documentation	56
3.8.4.1	sessionID	56
3.8.4.2	startH1	56
3.9	PageStructureMaker Class Reference	56
3.9.1	Detailed Description	58
3.9.2	Constructor & Destructor Documentation	58
3.9.2.1	PageStructureMaker	58
3.9.3	Member Function Documentation	58
3.9.3.1	Anchor	58
3.9.3.2	BodyEnd	58
3.9.3.3	BodyStart	58
3.9.3.4	Button	59
3.9.3.5	CSS	59
3.9.3.6	DivEnd	59
3.9.3.7	DivStart	59
3.9.3.8	FormEnd	59
3.9.3.9	FormStart	59
3.9.3.10	HeadEnd	60
3.9.3.11	HeadStart	60
3.9.3.12	HTMLEnd	60
3.9.3.13	HTMLStart	60
3.9.3.14	InputField	60
3.9.3.15	InputField	60
3.9.3.16	Javascript	61
3.9.3.17	ListEnd	61
3.9.3.18	ListItem	61
3.9.3.19	ListStart	61
3.9.3.20	SelectFieldEnd	61

3.9.3.21	SelectFieldStart	62
3.9.3.22	SelectOptionEnd	62
3.9.3.23	SelectOptionStart	62
3.9.3.24	SetHTMLVariables	62
3.9.3.25	TableEnd	62
3.9.3.26	TableStart	62
3.9.3.27	Title	63
3.9.4	Member Data Documentation	63
3.9.4.1	startH1	63
3.10	ProjectDetail Class Reference	63
3.10.1	Detailed Description	65
3.10.2	Constructor & Destructor Documentation	65
3.10.2.1	ProjectDetail	65
3.10.2.2	~ProjectDetail	65
3.10.3	Member Function Documentation	66
3.10.3.1	AddNewUser	66
3.10.3.2	AlreadyLoggedIn	66
3.10.3.3	Anchor	66
3.10.3.4	AuthorizeUser	66
3.10.3.5	BodyEnd	67
3.10.3.6	BodyStart	67
3.10.3.7	Button	67
3.10.3.8	ContextType	67
3.10.3.9	CSS	67
3.10.3.10	DivEnd	68
3.10.3.11	DivStart	68
3.10.3.12	Footer	68
3.10.3.13	FormEnd	68
3.10.3.14	FormStart	68
3.10.3.15	Head	68
3.10.3.16	HeadEnd	68
3.10.3.17	Header	69
3.10.3.18	Header	69
3.10.3.19	HeadStart	69
3.10.3.20	HTMLEnd	69
3.10.3.21	HTMLStart	69
3.10.3.22	InputField	69
3.10.3.23	InputField	70
3.10.3.24	IntToString	70
3.10.3.25	Javascript	70

3.10.3.26 ListEnd	70
3.10.3.27 ListItem	70
3.10.3.28 ListStart	71
3.10.3.29 LoginPage	71
3.10.3.30 Logo	71
3.10.3.31 LogoutLink	71
3.10.3.32 LogoutPage	71
3.10.3.33 Menu	72
3.10.3.34 ProjectDetailPage	72
3.10.3.35 ReadLoginDetail	72
3.10.3.36 RegisterPage	72
3.10.3.37 SelectFieldEnd	73
3.10.3.38 SelectFieldStart	73
3.10.3.39 SelectLoginDetail	73
3.10.3.40 SelectOptionEnd	73
3.10.3.41 SelectOptionStart	73
3.10.3.42 SetCookies	73
3.10.3.43 SetHTMLVariables	74
3.10.3.44 StringToInt	74
3.10.3.45 TableEnd	74
3.10.3.46 TableStart	74
3.10.3.47 Title	74
3.10.4 Member Data Documentation	74
3.10.4.1 currentDate	74
3.10.4.2 emailID	75
3.10.4.3 fieldName	75
3.10.4.4 msg	75
3.10.4.5 password	75
3.10.4.6 projectID	75
3.10.4.7 projectName	75
3.10.4.8 retypePassword	75
3.10.4.9 sessionID	75
3.10.4.10 startH1	75
3.10.4.11 userEmailID	76
3.10.4.12 userPassword	76
3.11 ReadInputField Class Reference	76
3.11.1 Detailed Description	76
3.11.2 Constructor & Destructor Documentation	76
3.11.2.1 ReadInputField	76
3.11.3 Member Function Documentation	76

3.11.3.1	ReadFieldValue	76
3.11.3.2	ReadFieldValue	77
3.11.4	Member Data Documentation	77
3.11.4.1	fi	77
3.11.4.2	formData	77
3.12	RollNoDetail Class Reference	77
3.12.1	Detailed Description	79
3.12.2	Constructor & Destructor Documentation	80
3.12.2.1	RollNoDetail	80
3.12.3	Member Function Documentation	80
3.12.3.1	Anchor	80
3.12.3.2	BodyEnd	80
3.12.3.3	BodyStart	80
3.12.3.4	Button	80
3.12.3.5	ContextType	81
3.12.3.6	CSS	81
3.12.3.7	DivEnd	81
3.12.3.8	DivStart	81
3.12.3.9	Footer	81
3.12.3.10	FormEnd	81
3.12.3.11	FormStart	82
3.12.3.12	Head	82
3.12.3.13	HeadEnd	82
3.12.3.14	Header	82
3.12.3.15	Header	82
3.12.3.16	HeadStart	82
3.12.3.17	HTMLEnd	82
3.12.3.18	HTMLStart	83
3.12.3.19	InputField	83
3.12.3.20	InputField	83
3.12.3.21	IntToString	83
3.12.3.22	Javascript	83
3.12.3.23	ListEnd	83
3.12.3.24	ListItem	84
3.12.3.25	ListStart	84
3.12.3.26	Logo	84
3.12.3.27	LogoutLink	84
3.12.3.28	Menu	85
3.12.3.29	ReadClassDetail	85
3.12.3.30	RollNoDetailPage	85

3.12.3.31	SelectFieldEnd	85
3.12.3.32	SelectFieldStart	85
3.12.3.33	SelectOptionEnd	85
3.12.3.34	SelectOptionStart	86
3.12.3.35	SetCookies	86
3.12.3.36	SetHTMLVariables	86
3.12.3.37	SplitSubject	86
3.12.3.38	StringToInt	86
3.12.3.39	TableEnd	86
3.12.3.40	TableStart	87
3.12.3.41	Title	87
3.12.4	Member Data Documentation	87
3.12.4.1	emailID	87
3.12.4.2	fieldName	87
3.12.4.3	prefix	87
3.12.4.4	projectID	87
3.12.4.5	projectName	87
3.12.4.6	sessionID	88
3.12.4.7	startH1	88

Chapter 1

Class Index

1.1 Class Hierarchy

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

Database	15
InputFieldName	30
JavaScript	34
MD5	48
PageStructureMaker	56
PageLayout	48
InputDetail	21
ClassDetail	5
Login	35
ProjectDetail	63
RollNoDetail	77
ReadInputField	76

Chapter 2

Class Index

2.1 Class List

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

ClassDetail	5
Database	15
InputDetail	21
InputFieldName	30
JavaScript	34
Login	35
MD5	48
PageLayout	48
PageStructureMaker	56
ProjectDetail	63
ReadInputField	76
RollNoDetail	77

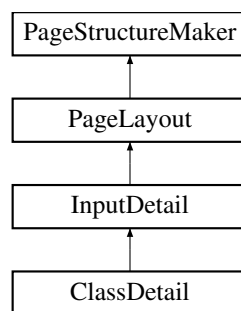
Chapter 3

Class Documentation

3.1 ClassDetail Class Reference

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

Inheritance diagram for ClassDetail:



Public Member Functions

- [ClassDetail](#) ()
- void [ProjectDetail](#) ()
- void [TotalClasses](#) ()
- void [TotalClassesPage](#) ()
- void [ClassInfoPage](#) ()
- [~ClassDetail](#) ()
- void [Header](#) (string titleName)
- void [Header](#) ()
- void [Footer](#) ()
- string [IntToString](#) (int value)
- int [StringToInt](#) (string value)
Convert String to Integer.
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetCookies](#) (string [emailID](#), string [sessionID](#))
- void [ContextType](#) ()
- void [LogoutLink](#) ()
- 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 [projectId](#)
- string [emailID](#)
- string [projectName](#)
- ifstream **inFile**
- ofstream **outFile**
- string [sessionID](#)
- 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

----- 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.

3.1.2.2 ClassDetail::~ClassDetail ()

Destructor

Class: [ClassDetail](#)

Method: [ClassDetail](#) :: [~ClassDetail\(\)](#)

Description: Destructor

 Definition at line 278 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::ClassInfoPage ()

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 183 of file classdetail.cc.

3.1.3.6 void PageLayout::ContextType () [inherited]

Context-Type header

Class: [PageLayout](#)

Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.1.3.7 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.

3.1.3.8 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.1.3.9 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.

3.1.3.10 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.

3.1.3.11 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

3.1.3.12 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.

3.1.3.13 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 106 of file pagelayout.cc.

3.1.3.14 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

3.1.3.15 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----
Definition at line 89 of file pagelayout.cc.

3.1.3.16 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.

3.1.3.17 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

3.1.3.18 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

3.1.3.19 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

3.1.3.20 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.

3.1.3.21 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.

3.1.3.22 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.

3.1.3.23 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.

3.1.3.24 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.

3.1.3.25 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.

3.1.3.26 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.

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

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.1.3.28 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

Method: [PageLayout](#) :: [LogOutLink\(\)](#)

Description: logout link

Definition at line 175 of file pagelayout.cc.

3.1.3.29 void PageLayout::Menu () [inherited]

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.1.3.30 void ClassDetail::ProjectDetail ()

Read Project Detail and store them into database

Class: [ClassDetail](#)

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

Description: Reading project detail and store it into database

Definition at line 91 of file classdetail.cc.

3.1.3.31 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.1.3.32 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.

3.1.3.33 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.1.3.34 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.

3.1.3.35 void PageLayout::SetCookies (string userEmailID, string sessionID) [inherited]

For Cookies after login

Class: [PageLayout](#)Method: [PageLayout](#) :: SetCookies(string sessionID)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.1.3.36 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.

3.1.3.37 int InputDetail::StringToInt (string value) [inherited]

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

3.1.3.38 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

3.1.3.39 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.

3.1.3.40 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.

3.1.3.41 void ClassDetail::TotalClasses ()

read total classes and store it into database

Class: [ClassDetail](#)

Method: [ClassDetail :: TotalClasses\(\)](#)

Description: Inserting totalClasses value into database

Definition at line 108 of file classdetail.cc.

3.1.3.42 void ClassDetail::TotalClassesPage ()

Get total classes

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

Definition at line 125 of file classdetail.cc.

3.1.4 Member Data Documentation

3.1.4.1 `string InputDetail::emailID` [protected],[inherited]

Email id

Definition at line 55 of file inputdetail.h.

3.1.4.2 `InputFieldName InputDetail::fieldName` [protected],[inherited]

Objects of [InputFieldName](#) and [ReadFieldsValue](#) class

Definition at line 46 of file inputdetail.h.

3.1.4.3 `string InputDetail::projectId` [protected],[inherited]

Project ID

Definition at line 55 of file inputdetail.h.

3.1.4.4 `string InputDetail::projectName` [protected],[inherited]

Project Name

Definition at line 55 of file inputdetail.h.

3.1.4.5 `string PageLayout::sessionID` [protected],[inherited]

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

3.1.4.7 `int ClassDetail::totalClasses` [protected]

storing total classes

Definition at line 45 of file classdetail.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)
- void [SelectQuery](#) (string column, string table, string &result, string where)
- void [SelectColumn](#) (string query, vector< string > &result)
- void [SelectProjectID](#) (string &projectID)
- void [InsertUser](#) (string userEmailID, string userPassword)
- void [InsertQuery](#) (string query)
- void [InsertQuery](#) (string column, string value, string table)
- void [InsertSession](#) (string emailID, string sessionID)
- void [InsertProjectName](#) (string emailID, string projectName)
- void [InsertTotalClasses](#) (string projectID, string totalClasses)
- void [InsertClassDetail](#) (string projectID, string className, string totalSubjects, string subjectName, string subjectCode)
- void [InsertTotalCentres](#) (string projectID, string totalCentre)
- void [InsertRoomDetail](#) (string projectID, string centreName, string roomNo, string rows, string columns)
- void [InsertTotalRooms](#) (string projectID, string centreName, string totalrooms)
- void [InsertExamDetail](#) (string projectID, string examName, string examDate, string examTime, string exam-Venue)
- void [InsertStrategy](#) (string projectID, string strategy)
- [~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 ()

Select last project Id of project name [Database](#) Destructor

----- Class: [Database](#) Method: [Database](#) :: [~Database\(\)](#)

Description: Destructor for closing database connectivity -----

Definition at line 401 of file database.cc.

3.2.3 Member Function Documentation**3.2.3.1 void Database::InsertClassDetail (string *projectId*, string *className*, string *totalSubjects*, string *subjectName*, string *subjectCode*)**

Insert into [ClassDetail](#)

Class: [Database](#)

Method: [Database](#) :: InsertClassDetail(projectID, className, subjectName, subjectCode)

Description: Inserting class detail into table

Definition at line 258 of file database.cc.

3.2.3.2 void Database::InsertExamDetail (string *projectId*, string *examName*, string *examDate*, string *examTime*, string *examVenue*)

Insert into exam detail

Class: [Database](#)

Method: [Database](#) :: InsertTotalRooms(projectID, examName, examDate, examTime, examVenue)

Description: store data into exam detail

Definition at line 355 of file database.cc.

3.2.3.3 void Database::InsertProjectName (string *emailID*, string *projectName*)

Insert Project detail into ProjectName table

Class: [Database](#)

Method: [Database](#) :: InsertIntoProjectName()

Description: Insert project name into ProjectName table

Definition at line 217 of file database.cc.

3.2.3.4 void Database::InsertQuery (string *query*)

Insert query with one argument

Class: [Database](#)

Method: [Database](#) :: [InsertQuery\(string query\)](#)

Description: Insrting value in database

Definition at line 136 of file database.cc.

3.2.3.5 void Database::InsertQuery (string *column*, string *value*, string *table*)

Insert Query for adding value in one column

Class: [Database](#)

Method: [Database](#) :: [InsertQuery\(string column, string value, string table\)](#)

Description: For inserting values in database

Definition at line 153 of file database.cc.

3.2.3.6 void Database::InsertRoomDetail (string *projectID*, string *centreName*, string *roomNo*, string *rows*, string *columns*)

Insert into roomDetail table

Class: [Database](#)

Method: [Database](#) :: [InsertRoomDetail\(projectID, centreName, roomNo, rows, columns\)](#)

Description: Inserting room detail into table

Definition at line 303 of file database.cc.

3.2.3.7 void Database::InsertSession (string *emailID*, string *sessionID*)

Insert into Session table

Class: [Database](#)

Method: [Database](#) :: [InsertIntoSession\(string emailID, string sessionID\)](#)

Description: Inserting Session information in database

Definition at line 198 of file database.cc.

3.2.3.8 void Database::InsertStrategy (string *projectID*, string *strategy*)

Insert into strategy

Class: [Database](#)

Method: [Database](#) :: [InsertTotalRooms\(projectID, strategy\)](#)

Description: Strategy value into table

Definition at line 382 of file database.cc.

3.2.3.9 void Database::InsertTotalCentres (string *projectID*, string *totalCentre*)

Insert into totalcentres

Class: [Database](#)

Method: [Database](#) :: InserttotalCentres(projectID,totalcentre)

Description: Inserting into table total centres

Definition at line 282 of file database.cc.

3.2.3.10 void Database::InsertTotalClasses (string *projectID*, string *totalClasses*)

Insert Into TotalClasses

Class: [Database](#)

Method: [Database](#) :: InsertTotalClasses(projectID, totalClasses)

Description: Inserting total classes into table with project ID

Definition at line 237 of file database.cc.

3.2.3.11 void Database::InsertTotalRooms (string *projectID*, string *centreName*, string *totalRooms*)

Insert Into TotalRooms

Class: [Database](#)

Method: [Database](#) :: InsertTotalRooms(projectID, centreName, totalrooms)

Description: Inserting into total rooms

Definition at line 331 of file database.cc.

3.2.3.12 void Database::InsertUser (string *userEmailID*, string *userPassword*)

For inserting new user in database

Class: [Database](#)

Method: [Database](#) :: InsertIntoUser(string userEmailID, string userPassword)

Description: Inserting new user details into database

Definition at line 176 of file database.cc.

3.2.3.13 void Database::SelectColumn (string *query*, vector< string > & *result*)

Select Column

Class: [Database](#)

Method: [Database](#) :: SelectColumn

Description: Select column from table

Definition at line 112 of file database.cc.

3.2.3.14 void Database::SelectProjectID (string & *projectId*)

select project id from ProjectName table

Definition at line 95 of file database.cc.

3.2.3.15 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.

3.2.3.16 void Database::SelectQuery (string *column*, string *table*, string & *result*, string *where*)

Select query with where clause

Class: [Database](#)

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

Description: Select column value with where clause

Definition at line 79 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.

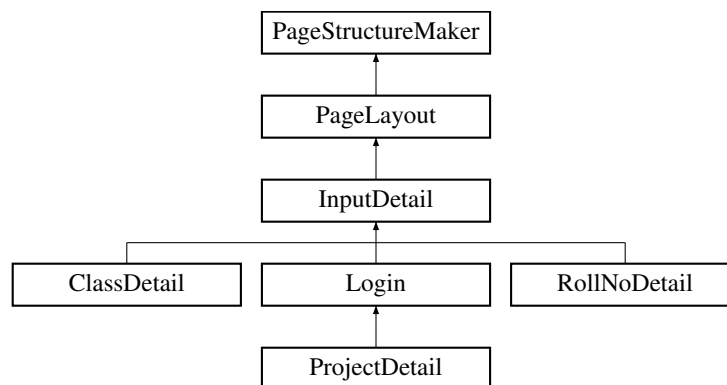
The documentation for this class was generated from the following files:

- 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)
- int [StringToInt](#) (string value)
Convert String to Integer.
- void [Header](#) ()
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetCookies](#) (string emailID, string sessionID)
- void [ContextType](#) ()
- void [LogoutLink](#) ()
- 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 [projectID](#)
- string [emailID](#)
- string [projectName](#)
- ifstream **inFile**
- ofstream **outFile**
- string [sessionID](#)
- 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 PageLayout::ContextType () [inherited]

Context-Type header

Class: [PageLayout](#)

Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.3.3.6 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.

3.3.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.3.3.8 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.

3.3.3.9 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.

3.3.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

3.3.3.11 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.

3.3.3.12 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 106 of file pagelayout.cc.

3.3.3.13 void [PageStructureMaker::HeadEnd](#) () [inherited]

Display </HEAD>

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

3.3.3.14 void [PageLayout::Header](#) () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header](#)() Description: Call Menu Function -----
Definition at line 89 of file pagelayout.cc.

3.3.3.15 void [InputDetail::Header](#) (string *titleName*)

----- 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.

3.3.3.16 void [PageStructureMaker::HeadStart](#) () [inherited]

Display <HEAD>

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

3.3.3.17 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

3.3.3.18 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

3.3.3.19 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.

3.3.3.20 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.

3.3.3.21 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.

3.3.3.22 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.

3.3.3.23 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.**3.3.3.24 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.**3.3.3.25 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.**3.3.3.26 void PageLayout::Logo (string *logoName*) [inherited]**

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.3.3.27 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)Method: [PageLayout](#) :: [LogoutLink\(\)](#)

Description: logout link

Definition at line 175 of file pagelayout.cc.

3.3.3.28 void PageLayout::Menu () [inherited]

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.3.3.29 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.3.3.30 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.

3.3.3.31 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.3.3.32 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.

3.3.3.33 void PageLayout::SetCookies (string userEmailID, string sessionID) [inherited]

For Cookies after login

Class: [PageLayout](#)

Method: [PageLayout :: SetCookies\(string sessionID\)](#)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.3.3.34 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.

3.3.3.35 int InputDetail::StringToInt (string value)

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

3.3.3.36 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

3.3.3.37 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.

3.3.3.38 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.

3.3.4 Member Data Documentation

3.3.4.1 string InputDetail::emailID [protected]

Email id

Definition at line 55 of file inputdetail.h.

3.3.4.2 InputFieldName InputDetail::fieldName [protected]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.3.4.3 string InputDetail::projectId [protected]

Project ID

Definition at line 55 of file inputdetail.h.

3.3.4.4 string InputDetail::projectName [protected]

Project Name

Definition at line 55 of file inputdetail.h.

3.3.4.5 string PageLayout::sessionId [protected],[inherited]

Session ID

Definition at line 40 of file pagelayout.h.

3.3.4.6 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](#)
- string [totalClasses](#)
- string [totalSubjects](#)
- string [subjectCode](#)
- string [subjectName](#)
- string [prefix](#)
- string [startRollNo](#)
- string [endRollNo](#)

- string [notIncluded](#)
- string [projectName](#)
- string [projectID](#)
- string [emailID](#)
- string [password](#)
- string [retypePassword](#)
- string [totalCentres](#)
- string [totalRooms](#)
- string [centreName](#)
- string [roomNo](#)
- string [rows](#)
- string [columns](#)
- string [strategyChoice](#)
- string [examName](#)
- string [examDate](#)
- string [examTime](#)
- string [examVenue](#)

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 ()

Constructor

----- 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 ()

Set Field Values

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

Definition at line 52 of file inputfieldname.cc.

3.4.4 Member Data Documentation

3.4.4.1 `string InputFieldName::centreName`

Center Name

Definition at line 58 of file inputfieldname.h.

3.4.4.2 `string InputFieldName::className`

ClassName

Definition at line 41 of file inputfieldname.h.

3.4.4.3 `string InputFieldName::columns`

Columns in room

Definition at line 58 of file inputfieldname.h.

3.4.4.4 `string InputFieldName::emailID`

Email Field

Definition at line 58 of file inputfieldname.h.

3.4.4.5 `string InputFieldName::endRollNo`

ending rollno

Definition at line 41 of file inputfieldname.h.

3.4.4.6 `string InputFieldName::examDate`

Examination Date

Definition at line 58 of file inputfieldname.h.

3.4.4.7 `string InputFieldName::examName`

Examination Name

Definition at line 58 of file inputfieldname.h.

3.4.4.8 `string InputFieldName::examTime`

Examination Time

Definition at line 58 of file inputfieldname.h.

3.4.4.9 `string InputFieldName::examVenue`

Examination Venue

Definition at line 58 of file inputfieldname.h.

3.4.4.10 string InputFieldName::notIncluded

roll that are not included in seating plan

Definition at line 41 of file inputfieldname.h.

3.4.4.11 string InputFieldName::password

Password field

Definition at line 58 of file inputfieldname.h.

3.4.4.12 string InputFieldName::prefix

Prefix of rollno

Definition at line 41 of file inputfieldname.h.

3.4.4.13 string InputFieldName::projectID

Project ID

Definition at line 41 of file inputfieldname.h.

3.4.4.14 string InputFieldName::projectName

Project Name

Definition at line 41 of file inputfieldname.h.

3.4.4.15 string InputFieldName::retypePassword

Retype Password

Definition at line 58 of file inputfieldname.h.

3.4.4.16 string InputFieldName::roomNo

Room Nos w.r.t to centre name

Definition at line 58 of file inputfieldname.h.

3.4.4.17 string InputFieldName::rows

Rows of room

Definition at line 58 of file inputfieldname.h.

3.4.4.18 string InputFieldName::startRollNo

starting roll no

Definition at line 41 of file inputfieldname.h.

3.4.4.19 string InputFieldName::strategyChoice

Strategy option selected by user

Definition at line 58 of file inputfieldname.h.

3.4.4.20 string InputFieldName::subjectCode

SubjectCode

Definition at line 41 of file inputfieldname.h.

3.4.4.21 string InputFieldName::subjectName

SubjectName

Definition at line 41 of file inputfieldname.h.

3.4.4.22 string InputFieldName::totalCentres

Total centres

Definition at line 58 of file inputfieldname.h.

3.4.4.23 string InputFieldName::totalClasses

TotalClasses

Definition at line 41 of file inputfieldname.h.

3.4.4.24 string InputFieldName::totalRooms

Total Rooms w.r.t centers name

Definition at line 58 of file inputfieldname.h.

3.4.4.25 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.

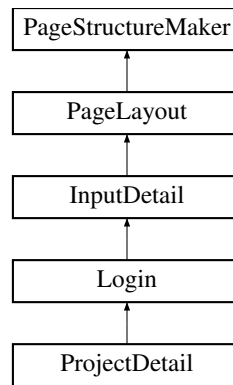
The documentation for this class was generated from the following files:

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

3.6 Login Class Reference

```
#include <login.h>
```

Inheritance diagram for Login:



Public Member Functions

- `Login ()`
- `void LoginPage (string msg="", string emailID="xz@abc.com", string password="123456")`
- `void ReadLoginDetail ()`
- `void RegisterPage (string msg="", string emailID="xz@abc.com", string password="123456")`
- `void AddNewUser ()`
- `void SelectLoginDetail ()`
- `void AlreadyLoggedIn ()`
- `void LogoutPage ()`
- `~Login ()`
- `void Header (string titleName)`
- `void Header ()`
- `void Footer ()`
- `string IntToString (int value)`
- `int StringToInt (string value)`
Convert String to Integer.
- `void Menu ()`
- `void Logo (string logoName)`
- `void Head (string titleName)`
- `void SetCookies (string emailID, string sessionID)`
- `void ContextType ()`
- `void LogoutLink ()`
- `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](#)
- string [retypePassword](#)
- string [msg](#)
- string [currentDate](#)
- [InputFieldName](#) [fieldName](#)
- [ReadInputField](#) [readField](#)
- [Database](#) [database](#)
- int [i](#)
- int [j](#)
- int [k](#)
- stringstream [ss](#)
- string [temp](#)
- string [projectID](#)
- string [projectName](#)
- ifstream [inFile](#)
- ofstream [outFile](#)
- string [sessionID](#)
- 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 34 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 78 of file login.h.

3.6.3 Member Function Documentation

3.6.3.1 void Login::AddNewUser ()

Add new user in database

Class: [Login](#)

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

Description: Adding new user into database and if user already exists then move back to register page for unique email id

Definition at line 186 of file login.cc.

3.6.3.2 void Login::AlreadyLoggedIn ()

Check user If already logged in

Class: [Login](#)

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

Description: Check if user already logged in not allow to log in

Definition at line 238 of file login.cc.

3.6.3.3 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.

3.6.3.4 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

3.6.3.5 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

3.6.3.6 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.

3.6.3.7 void PageLayout::ContextType () [inherited]

Context-Type header

Class: [PageLayout](#)

Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.6.3.8 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.

3.6.3.9 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.6.3.10 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.

3.6.3.11 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.

3.6.3.12 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

3.6.3.13 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.

3.6.3.14 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 106 of file pagelayout.cc.

3.6.3.15 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

3.6.3.16 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----
Definition at line 89 of file pagelayout.cc.

3.6.3.17 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.

3.6.3.18 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

3.6.3.19 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

3.6.3.20 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

3.6.3.21 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.

3.6.3.22 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.

3.6.3.23 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.

3.6.3.24 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.

3.6.3.25 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.

3.6.3.26 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.

3.6.3.27 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.**3.6.3.28 void Login::LoginPage (string *msg* = " ", string *emailID* = "xz@abc.com", string *password* = "123456")**

Creating login page

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

Description: Form for user login

Definition at line 88 of file login.cc.**3.6.3.29 void PageLayout::Logo (string *logoName*) [inherited]**

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.6.3.30 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)Method: [PageLayout](#) :: [LogOutLink\(\)](#)

Description: logout link

Definition at line 175 of file pagelayout.cc.**3.6.3.31 void Login::LogoutPage ()**

Logout Page

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

Description: Logout Page

Definition at line 224 of file login.cc.

3.6.3.32 void PageLayout::Menu () [inherited]

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.6.3.33 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.

3.6.3.34 void Login::RegisterPage (string msg = " ", string emailID = "xz@abc.com", string password = "123456")

Register user page

Class: [Login](#)

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

Description: Register new user

Definition at line 136 of file login.cc.

3.6.3.35 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.6.3.36 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.

3.6.3.37 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.

3.6.3.38 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.6.3.39 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.

3.6.3.40 void PageLayout::SetCookies (string userEmailID, string sessionID) [inherited]

For Cookies after login

Class: [PageLayout](#)

Method: [PageLayout :: SetCookies\(string sessionID\)](#)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.6.3.41 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.

3.6.3.42 int InputDetail::StringToInt (string value) [inherited]

Convert String to Integer.

----- Class: [ReadInputField](#) Method: [ReadInputField](#) :: [StringToInt\(string value\)](#) Description: Converts string value to integer -----
 Definition at line 97 of file inputdetail.cc.

3.6.3.43 void [PageStructureMaker::TableEnd](#) () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
[TableEnd\(\)](#) Description: Close Table tag -----
 Definition at line 266 of file pagestructure.cc.

3.6.3.44 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.

3.6.3.45 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 string [Login::currentDate](#) [protected]

Current Date

Definition at line 46 of file login.h.

3.6.4.2 vector<string> [Login::emailID](#) [protected]

For storing email and password of users Email ID as vector

Definition at line 39 of file login.h.

3.6.4.3 [InputFieldName](#) [InputDetail::fieldName](#) [protected],[inherited]

Objects of [InputFieldName](#) and [ReadFieldsValue](#) class

Definition at line 46 of file inputdetail.h.

3.6.4.4 string [Login::msg](#) [protected]

Msg string to show error message

Definition at line 46 of file login.h.

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

password as vector variable

Definition at line 39 of file login.h.

3.6.4.6 `string InputDetail::projectID` `[protected], [inherited]`

Project ID

Definition at line 55 of file inputdetail.h.

3.6.4.7 `string InputDetail::projectName` `[protected], [inherited]`

Project Name

Definition at line 55 of file inputdetail.h.

3.6.4.8 `string Login::retypePassword` `[protected]`

For reading password

Definition at line 42 of file login.h.

3.6.4.9 `string PageLayout::sessionID` `[protected], [inherited]`

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

3.6.4.11 `string Login::userEmailID` `[protected]`

For reading emailID in text field

Definition at line 42 of file login.h.

3.6.4.12 `string Login::userPassword` `[protected]`

For reading password in text field

Definition at line 42 of file login.h.

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

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

3.7 MD5 Class Reference

Public Types

- typedef unsigned int **size_type**

Public Member Functions

- **MD5** (const std::string &text)
- void **update** (const unsigned char *buf, size_type length)
- void **update** (const char *buf, size_type length)
- **MD5** & **finalize** ()
- std::string **hexdigest** () const

Friends

- std::ostream & **operator**<< (std::ostream &, **MD5** md5)

3.7.1 Detailed Description

Definition at line 69 of file md5.h.

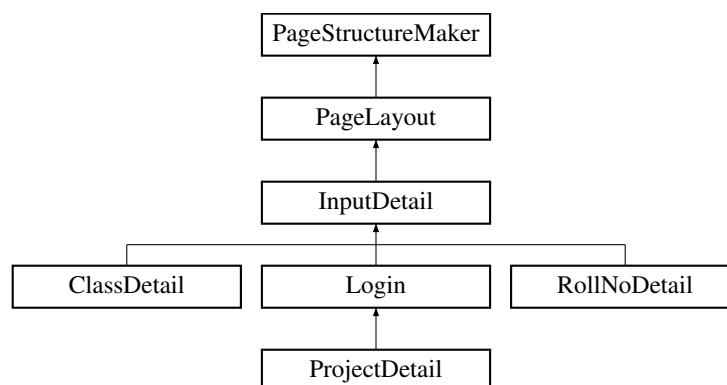
The documentation for this class was generated from the following files:

- src/md5.h
- src/md5.cc

3.8 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 [SetCookies](#) (string emailID, string [sessionID](#))
- void [ContextType](#) ()
- void [LogoutLink](#) ()
- 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 [sessionID](#)
- 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 required header files -----

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

Definition at line 33 of file pagelayout.h.

3.8.2 Constructor & Destructor Documentation

3.8.2.1 PageLayout::PageLayout ()

Constructor

----- Include local header file -----

----- Function Definitions of [PageLayout](#) Class -----

----- Class: [PageLayout](#) -----

Method: [PageLayout](#) :: [PageLayout\(\)](#) Description: Constructor -----

Definition at line 38 of file pagelayout.cc.

3.8.3 Member Function Documentation

3.8.3.1 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.

3.8.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-

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

Definition at line 180 of file pagestructure.cc.

3.8.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-

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

Definition at line 166 of file pagestructure.cc.

3.8.3.4 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.

3.8.3.5 void PageLayout::ContextType ()

Context-Type header

Class: [PageLayout](#)

Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.8.3.6 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.

3.8.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.8.3.8 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.

3.8.3.9 void PageLayout::Footer ()

Footer Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Footer](#)()
Description: Footer of pages -----

Reimplemented in [InputDetail](#).

Definition at line 190 of file pagelayout.cc.

3.8.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

3.8.3.11 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.

3.8.3.12 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 106 of file pagelayout.cc.

3.8.3.13 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

3.8.3.14 void PageLayout::Header ()

Header Section of Page

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

Definition at line 89 of file pagelayout.cc.

3.8.3.15 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

3.8.3.16 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

3.8.3.17 void [PageStructureMaker::HTMLStart \(\)](#) [inherited]

Display <HTML>

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

3.8.3.18 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.

3.8.3.19 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.

3.8.3.20 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.

3.8.3.21 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.

3.8.3.22 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.**3.8.3.23 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.**3.8.3.24 void PageLayout::Logo (string *logoName*)**

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.8.3.25 void PageLayout::LogoutLink ()

Logout link

Class: [PageLayout](#)Method: [PageLayout](#) :: [LogOutLink\(\)](#)

Description: logout link

Definition at line 175 of file pagelayout.cc.**3.8.3.26 void PageLayout::Menu ()**

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.8.3.27 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.8.3.28 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.

3.8.3.29 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.8.3.30 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.

3.8.3.31 void PageLayout::SetCookies (string *userEmailID*, string *sessionID*)

For Cookies after login

Class: [PageLayout](#)Method: [PageLayout](#) :: SetCookies(string sessionID)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.8.3.32 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.

3.8.3.33 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

3.8.3.34 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.

3.8.3.35 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.

3.8.4 Member Data Documentation**3.8.4.1 string PageLayout::sessionID [protected]**

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

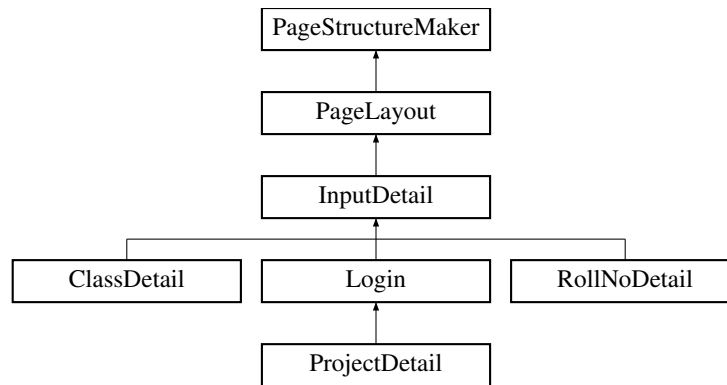
The documentation for this class was generated from the following files:

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

3.9 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**

3.9.1 Detailed Description

Include Header file =====
 Class: [PageStructureMaker](#) Description: Declaration =====
 Definition at line 31 of file pagestructure.h.

3.9.2 Constructor & Destructor Documentation

3.9.2.1 PageStructureMaker::PageStructureMaker ()

Constructor

----- Include htmltags.h header files -----
 ----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :: [PageStructureMaker\(\)](#) Description: Constructor -----

Definition at line 33 of file pagestructure.cc.

3.9.3 Member Function Documentation

3.9.3.1 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.

3.9.3.2 void PageStructureMaker::BodyEnd ()

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

3.9.3.3 void PageStructureMaker::BodyStart ()

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

3.9.3.4 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.

3.9.3.5 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.

3.9.3.6 void PageStructureMaker::DivEnd ()

End div section

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

Definition at line 209 of file pagestructure.cc.

3.9.3.7 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.

3.9.3.8 void PageStructureMaker::FormEnd ()

End Form

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

Definition at line 238 of file pagestructure.cc.

3.9.3.9 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.

3.9.3.10 void PageStructureMaker::HeadEnd ()

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

3.9.3.11 void PageStructureMaker::HeadStart ()

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

3.9.3.12 void PageStructureMaker::HTMLEnd ()

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

3.9.3.13 void PageStructureMaker::HTMLStart ()

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

3.9.3.14 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.

3.9.3.15 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.

3.9.3.16 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.

3.9.3.17 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.

3.9.3.18 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.

3.9.3.19 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.

3.9.3.20 void PageStructureMaker::SelectFieldEnd ()

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.9.3.21 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.

3.9.3.22 void PageStructureMaker::SelectOptionEnd ()

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.9.3.23 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.

3.9.3.24 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.

3.9.3.25 void PageStructureMaker::TableEnd ()

End Table

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

Definition at line 266 of file pagestructure.cc.

3.9.3.26 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.

3.9.3.27 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.

3.9.4 Member Data Documentation

3.9.4.1 string PageStructureMaker::startH1 [protected]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

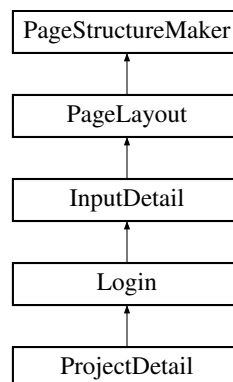
The documentation for this class was generated from the following files:

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

3.10 ProjectDetail Class Reference

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

Inheritance diagram for ProjectDetail:



Public Member Functions

- [ProjectDetail](#) ()
- void [ProjectDetailPage](#) ()
- void [AuthorizeUser](#) ()
- [~ProjectDetail](#) ()
- void [LoginPage](#) (string *msg*="", string *emailID*="xz@abc.com", string *password*="123456")
- void [ReadLoginDetail](#) ()
- void [RegisterPage](#) (string *msg*="", string *emailID*="xz@abc.com", string *password*="123456")
- void [AddNewUser](#) ()
- void [SelectLoginDetail](#) ()
- void [AlreadyLoggedIn](#) ()
- void [LogoutPage](#) ()
- void [Header](#) (string *titleName*)

- void [Header](#) ()
- void [Footer](#) ()
- string [IntToString](#) (int value)
- int [StringToInt](#) (string value)
- Convert String to Integer.*
- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetCookies](#) (string [emailID](#), string [sessionID](#))
- void [ContextType](#) ()
- void [LogoutLink](#) ()
- 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](#)
- string [retypePassword](#)
- string [msg](#)
- string [currentDate](#)
- [InputFieldName](#) [fieldName](#)
- [ReadInputField](#) [readField](#)
- [Database](#) [database](#)
- int [i](#)
- int [j](#)
- int [k](#)

- stringstream **ss**
- string **temp**
- string [projectId](#)
- string [projectName](#)
- ifstream **inFile**
- ofstream **outFile**
- string [sessionId](#)
- 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**

3.10.1 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.

3.10.2 Constructor & Destructor Documentation

3.10.2.1 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.

3.10.2.2 ProjectDetail::~~ProjectDetail ()

Destructor

Class: [ProjectDetail](#)

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

Description: Destuctor

Definition at line 147 of file projectdetail.cc.

3.10.3 Member Function Documentation

3.10.3.1 void Login::AddNewUser () [inherited]

Add new user in database

Class: [Login](#)

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

Description: Adding new user into database and if user already exists then move back to register page for unique email id

Definition at line 186 of file login.cc.

3.10.3.2 void Login::AlreadyLoggedIn () [inherited]

Check user If already logged in

Class: [Login](#)

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

Description: Check if user already logged in not allow to log in

Definition at line 238 of file login.cc.

3.10.3.3 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.

3.10.3.4 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 Email ID valid

< If Password Correct

< If Password Incorrect

< If Email ID invalid

Definition at line 50 of file projectdetail.cc.

3.10.3.5 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

3.10.3.6 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

3.10.3.7 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.

3.10.3.8 void PageLayout::ContextType () [inherited]

Context-Type header

Class: [PageLayout](#)

Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.10.3.9 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.

3.10.3.10 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.10.3.11 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.

3.10.3.12 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.

3.10.3.13 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

3.10.3.14 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.

3.10.3.15 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 106 of file pagelayout.cc.

3.10.3.16 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

3.10.3.17 void PageLayout::Header () [inherited]

Header Section of Page

----- Class: [PageLayout](#) Method: [PageLayout](#) :: [Header\(\)](#)
Description: Call Menu Function -----
Definition at line 89 of file pagelayout.cc.

3.10.3.18 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.

3.10.3.19 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

3.10.3.20 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

3.10.3.21 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

3.10.3.22 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.

3.10.3.23 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.

3.10.3.24 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.

3.10.3.25 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.

3.10.3.26 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.

3.10.3.27 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.

3.10.3.28 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.

3.10.3.29 void Login::LoginPage (string *msg* = " ", string *emailID* = "xz@abc.com", string *password* = "123456") [inherited]

Creating login page

Class: [Login](#)

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

Description: Form for user login

Definition at line 88 of file login.cc.

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

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.10.3.31 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

Method: [PageLayout](#) :: LogoutLink()

Description: logout link

Definition at line 175 of file pagelayout.cc.

3.10.3.32 void Login::LogoutPage () [inherited]

Logout Page

Class: [Login](#)

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

Description: Logout Page

Definition at line 224 of file login.cc.

3.10.3.33 void PageLayout::Menu () [inherited]

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.10.3.34 void ProjectDetail::ProjectDetailPage ()

Display Page for project details

Class: [ProjectDetail](#)

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

Description: Diplaying page for project details

Definition at line 109 of file projectdetail.cc.

3.10.3.35 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.

3.10.3.36 void Login::RegisterPage (string msg = " ", string emailID = "xz@abc.com", string password = "123456") [inherited]

Register user page

Class: [Login](#)

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

Description: Register new user

Definition at line 136 of file login.cc.

3.10.3.37 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.10.3.38 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.

3.10.3.39 void Login::SelectLoginDetail () [inherited]

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.
3.10.3.40 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.10.3.41 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.

3.10.3.42 void PageLayout::SetCookies (string userEmailID, string sessionID) [inherited]

For Cookies after login

 Class: [PageLayout](#)
Method: [PageLayout](#) :: [SetCookies\(string sessionID\)](#)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.10.3.43 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.

3.10.3.44 int InputDetail::StringToInt (string value) [inherited]

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

3.10.3.45 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

3.10.3.46 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.

3.10.3.47 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.

3.10.4 Member Data Documentation

3.10.4.1 string Login::currentDate [protected],[inherited]

Current Date

Definition at line 46 of file login.h.

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

For storing email and password of users Email ID as vector

Definition at line 39 of file login.h.

3.10.4.3 `InputFieldName InputDetail::fieldName` [protected], [inherited]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

3.10.4.4 `string Login::msg` [protected], [inherited]

Msg string to show error message

Definition at line 46 of file login.h.

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

password as vector variable

Definition at line 39 of file login.h.

3.10.4.6 `string InputDetail::projectId` [protected], [inherited]

Project ID

Definition at line 55 of file inputdetail.h.

3.10.4.7 `string InputDetail::projectName` [protected], [inherited]

Project Name

Definition at line 55 of file inputdetail.h.

3.10.4.8 `string Login::retypePassword` [protected], [inherited]

For reading password

Definition at line 42 of file login.h.

3.10.4.9 `string PageLayout::sessionId` [protected], [inherited]

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

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

For reading emailID in text field

Definition at line 42 of file login.h.

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

For reading password in text field

Definition at line 42 of file login.h.

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

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

3.11 ReadInputField Class Reference

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

Public Member Functions

- [ReadInputField](#) ()
- string [ReadFieldValue](#) (string fieldName)
- string [ReadFieldValue](#) (string fieldName, int fieldNo)

Protected Attributes

- string **fieldValue**
- Cgicc [formData](#)
- form_iterator **fi**

3.11.1 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.

3.11.2 Constructor & Destructor Documentation

3.11.2.1 ReadInputField::ReadInputField () [inline]

Constructor

Definition at line 51 of file readinputfield.h.

3.11.3 Member Function Documentation

3.11.3.1 string ReadInputField::ReadFieldValue (string *fieldName*)

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.

3.11.3.2 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.

3.11.4 Member Data Documentation

3.11.4.1 form_iterator ReadInputField::fi [protected]

Form Iterator

Definition at line 44 of file readinputfield.h.

3.11.4.2 Cgicc ReadInputField::formData [protected]

Read Form Data

Definition at line 43 of file readinputfield.h.

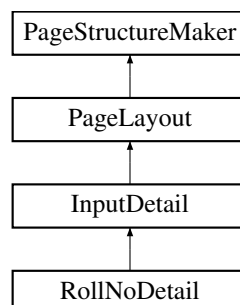
The documentation for this class was generated from the following files:

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

3.12 RollNoDetail Class Reference

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

Inheritance diagram for RollNoDetail:



Public Member Functions

- [RollNoDetail \(\)](#)

Constructor.

- void [ReadClassDetail](#) ()

Reading class details from previous page using cgicc.

- void **WriteClassDetail** ()
- void [SplitSubject](#) ()
- void [RollNoDetailPage](#) ()
- void [Header](#) (string titleName)
- void [Header](#) ()
- void [Footer](#) ()
- string [IntToString](#) (int value)
- int [StringToInt](#) (string value)

Convert String to Integer.

- void [Menu](#) ()
- void [Logo](#) (string logoName)
- void [Head](#) (string titleName)
- void [SetCookies](#) (string emailID, string sessionID)
- void [ContextType](#) ()
- void [LogoutLink](#) ()
- 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 [prefix](#) [MIN_SIZE]
for storing values of roll detail
- string **startRollNo** [MIN_SIZE]
- string **endRollNo** [MIN_SIZE]
- string **notIncluded** [MIN_SIZE]
- string **tableHeading** [MIN_SIZE]
- int **totalClasses**
- int **totalBranches**
- int **totalSubjects** [MIN_SIZE]
- string **className** [MIN_SIZE]
- string **subjectName** [MIN_SIZE][MIN_SIZE]
- string **subjectCode** [MIN_SIZE][MIN_SIZE]
- string **subCode** [MIN_SIZE]
- string **subName** [MIN_SIZE]
- [InputFieldName](#) **fieldName**
- [ReadInputField](#) **readField**
- [Database](#) **database**
- int **i**
- int **j**
- int **k**
- stringstream **ss**
- string **temp**
- string [projectId](#)
- string [emailID](#)
- string [projectName](#)
- ifstream **inFile**
- ofstream **outFile**
- string [sessionID](#)
- 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**

3.12.1 Detailed Description

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

3.12.2 Constructor & Destructor Documentation

3.12.2.1 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.

3.12.3 Member Function Documentation

3.12.3.1 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.

3.12.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

```
----- Class: PageStructureMaker Method: PageStructureMaker :-
: BodyEnd() Description: Display </BODY> -----
```

Definition at line 180 of file pagestructure.cc.

3.12.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

```
----- Class: PageStructureMaker Method: PageStructureMaker :-
: BodyStart() Description: Display <BODY> -----
```

Definition at line 166 of file pagestructure.cc.

3.12.3.4 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.

3.12.3.5 void PageLayout::ContextType () [inherited]

Context-Type header

Class: [PageLayout](#)Method: [PageLayout](#) :: ContextType

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

3.12.3.6 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.

3.12.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

3.12.3.8 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.

3.12.3.9 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.

3.12.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

3.12.3.11 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.

3.12.3.12 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 106 of file pagelayout.cc.

3.12.3.13 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

3.12.3.14 void PageLayout::Header () [inherited]

Header Section of Page

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

Definition at line 89 of file pagelayout.cc.

3.12.3.15 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.

3.12.3.16 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

3.12.3.17 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

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

Display <HTML>

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

3.12.3.19 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.

3.12.3.20 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.

3.12.3.21 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.

3.12.3.22 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.

3.12.3.23 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.

3.12.3.24 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.

3.12.3.25 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.

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

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

3.12.3.27 void [PageLayout::LogoutLink](#) () [inherited]

Logout link

Class: [PageLayout](#)

Method: [PageLayout](#) :: [LogOutLink\(\)](#)

Description: logout link

Definition at line 175 of file pagelayout.cc.

3.12.3.28 void PageLayout::Menu () [inherited]

List/Menu Navigation()

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

Definition at line 51 of file pagelayout.cc.

3.12.3.29 void RollNoDetail::ReadClassDetail ()

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 55 of file rollnodetail.cc.

3.12.3.30 void RollNoDetail::RollNoDetailPage ()

RollNoDetailPage for getting rollnos

Class: [RollNoDetail](#)Method: [RollNoDetail](#) :: [RollNoDetailPage\(\)](#)

Description:

Definition at line 143 of file rollnodetail.cc.

3.12.3.31 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 392 of file pagestructure.cc.

3.12.3.32 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.

3.12.3.33 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 422 of file pagestructure.cc.

3.12.3.34 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.

3.12.3.35 void PageLayout::SetCookies (string userEmailID, string sessionID) [inherited]

For Cookies after login

Class: [PageLayout](#)

Method: [PageLayout](#) :: SetCookies(string sessionID)

Description: Setting session ID in cookies

Definition at line 148 of file pagelayout.cc.

3.12.3.36 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.

3.12.3.37 void RollNoDetail::SplitSubject ()

spliting subject name and subject codes

Class: [RollNoDetail](#)

Method: [RollNoDetail](#) :: [SplitSubject\(\)](#)

Description: Split subjects

Definition at line 99 of file rollnodetail.cc.

3.12.3.38 int InputDetail::StringToInt (string value) [inherited]

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

3.12.3.39 void PageStructureMaker::TableEnd () [inherited]

End Table

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [TableEnd\(\)](#) Description: Close Table tag -----
Definition at line 266 of file pagestructure.cc.

3.12.3.40 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.

3.12.3.41 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.

3.12.4 Member Data Documentation

3.12.4.1 string [InputDetail::emailID](#) [protected],[inherited]

Email id

Definition at line 55 of file inputdetail.h.

3.12.4.2 [InputFieldName](#) [InputDetail::fieldName](#) [protected],[inherited]

Objects of [InputFieldName](#) and [ReadFieldsValue](#) class

Definition at line 46 of file inputdetail.h.

3.12.4.3 string [RollNoDetail::prefix](#)[MIN_SIZE] [protected]

for storing values of roll detail

Definition at line 37 of file rollnodetail.h.

3.12.4.4 string [InputDetail::projectID](#) [protected],[inherited]

Project ID

Definition at line 55 of file inputdetail.h.

3.12.4.5 string [InputDetail::projectName](#) [protected],[inherited]

Project Name

Definition at line 55 of file inputdetail.h.

3.12.4.6 `string PageLayout::sessionID` `[protected]`, `[inherited]`

Session ID

Definition at line 40 of file pagelayout.h.

3.12.4.7 `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/rollnodetail.h`
- `src/rollnodetail.cc`

Index

- ~ClassDetail
 - ClassDetail, [7](#)
- ~Database
 - Database, [16](#)
- ~Login
 - Login, [38](#)
- ~ProjectDetail
 - ProjectDetail, [65](#)

- AddNewUser
 - Login, [38](#)
 - ProjectDetail, [66](#)
- AlreadyLoggedIn
 - Login, [38](#)
 - ProjectDetail, [66](#)
- Anchor
 - ClassDetail, [7](#)
 - InputDetail, [23](#)
 - Login, [38](#)
 - PageLayout, [50](#)
 - PageStructureMaker, [58](#)
 - ProjectDetail, [66](#)
 - RollNoDetail, [80](#)
- AuthorizeUser
 - ProjectDetail, [66](#)

- BodyEnd
 - ClassDetail, [7](#)
 - InputDetail, [23](#)
 - Login, [39](#)
 - PageLayout, [50](#)
 - PageStructureMaker, [58](#)
 - ProjectDetail, [67](#)
 - RollNoDetail, [80](#)

- BodyStart
 - ClassDetail, [8](#)
 - InputDetail, [23](#)
 - Login, [39](#)
 - PageLayout, [50](#)
 - PageStructureMaker, [58](#)
 - ProjectDetail, [67](#)
 - RollNoDetail, [80](#)

- Button
 - ClassDetail, [8](#)
 - InputDetail, [23](#)
 - Login, [39](#)
 - PageLayout, [50](#)
 - PageStructureMaker, [59](#)
 - ProjectDetail, [67](#)
 - RollNoDetail, [80](#)

- CSS
 - ClassDetail, [8](#)
 - InputDetail, [24](#)
 - Login, [39](#)
 - PageLayout, [51](#)
 - PageStructureMaker, [59](#)
 - ProjectDetail, [67](#)
 - RollNoDetail, [81](#)

- centreName
 - InputFieldName, [32](#)

- ClassDetail, [5](#)
 - ~ClassDetail, [7](#)
 - Anchor, [7](#)
 - BodyEnd, [7](#)
 - BodyStart, [8](#)
 - Button, [8](#)
 - CSS, [8](#)
 - ClassDetail, [7](#)
 - ClassInfoPage, [8](#)
 - ClassDetail, [7](#)
 - ContextType, [8](#)
 - DivEnd, [8](#)
 - DivStart, [9](#)
 - emailID, [15](#)
 - fieldName, [15](#)
 - Footer, [9](#)
 - FormEnd, [9](#)
 - FormStart, [9](#)
 - HTMLEnd, [10](#)
 - HTMLStart, [10](#)
 - Head, [9](#)
 - HeadEnd, [9](#)
 - HeadStart, [10](#)
 - Header, [10](#)
 - InputField, [10](#)
 - IntToString, [11](#)
 - Javascript, [11](#)
 - ListEnd, [11](#)
 - ListItem, [11](#)
 - ListStart, [11](#)
 - Logo, [12](#)
 - LogoutLink, [12](#)
 - Menu, [12](#)
 - ProjectDetail, [12](#)
 - projectId, [15](#)
 - projectName, [15](#)
 - SelectFieldEnd, [12](#)
 - SelectFieldStart, [13](#)
 - SelectOptionEnd, [13](#)

- SelectOptionStart, 13
- sessionID, 15
- SetCookies, 13
- SetHTMLVariables, 13
- startH1, 15
- StringToInt, 13
- TableEnd, 14
- TableStart, 14
- Title, 14
- TotalClasses, 14
- totalClasses, 15
- TotalClassesPage, 14
- ClassInfoPage
 - ClassDetail, 8
- className
 - InputFieldName, 32
- columns
 - InputFieldName, 32
- connect
 - Database, 20
- ContextType
 - ClassDetail, 8
 - InputDetail, 24
 - Login, 39
 - PageLayout, 51
 - ProjectDetail, 67
 - RollNoDetail, 80
- currentDate
 - Login, 46
 - ProjectDetail, 74
- Database, 15
 - ~Database, 16
 - connect, 20
 - Database, 16
 - InsertClassDetail, 17
 - InsertExamDetail, 17
 - InsertProjectName, 17
 - InsertQuery, 17, 18
 - InsertRoomDetail, 18
 - InsertSession, 18
 - InsertStrategy, 18
 - InsertTotalCentres, 19
 - InsertTotalClasses, 19
 - InsertTotalRooms, 19
 - InsertUser, 19
 - numrows, 20
 - SelectColumn, 19
 - SelectProjectID, 20
 - SelectQuery, 20
 - tLogin, 21
- DivEnd
 - ClassDetail, 8
 - InputDetail, 24
 - Login, 39
 - PageLayout, 51
 - PageStructureMaker, 59
 - ProjectDetail, 67
 - RollNoDetail, 81
- DivStart
 - ClassDetail, 9
 - InputDetail, 24
 - Login, 40
 - PageLayout, 51
 - PageStructureMaker, 59
 - ProjectDetail, 68
 - RollNoDetail, 81
- emailID
 - ClassDetail, 15
 - InputDetail, 29
 - InputFieldName, 32
 - Login, 46
 - ProjectDetail, 74
 - RollNoDetail, 87
- endRollNo
 - InputFieldName, 32
- examDate
 - InputFieldName, 32
- examName
 - InputFieldName, 32
- examTime
 - InputFieldName, 32
- examVenue
 - InputFieldName, 32
- fi
 - ReadInputField, 77
- fieldName
 - ClassDetail, 15
 - InputDetail, 29
 - Login, 46
 - ProjectDetail, 75
 - RollNoDetail, 87
- Footer
 - ClassDetail, 9
 - InputDetail, 24
 - Login, 40
 - PageLayout, 51
 - ProjectDetail, 68
 - RollNoDetail, 81
- formData
 - ReadInputField, 77
- FormEnd
 - ClassDetail, 9
 - InputDetail, 24
 - Login, 40
 - PageLayout, 51
 - PageStructureMaker, 59
 - ProjectDetail, 68
 - RollNoDetail, 81
- FormStart
 - ClassDetail, 9
 - InputDetail, 25
 - Login, 40
 - PageLayout, 52
 - PageStructureMaker, 59
 - ProjectDetail, 68

- RollNoDetail, [81](#)
- HTMLEnd
 - ClassDetail, [10](#)
 - InputDetail, [25](#)
 - Login, [41](#)
 - PageLayout, [52](#)
 - PageStructureMaker, [60](#)
 - ProjectDetail, [69](#)
 - RollNoDetail, [82](#)
- HTMLStart
 - ClassDetail, [10](#)
 - InputDetail, [26](#)
 - Login, [41](#)
 - PageLayout, [53](#)
 - PageStructureMaker, [60](#)
 - ProjectDetail, [69](#)
 - RollNoDetail, [83](#)
- Head
 - ClassDetail, [9](#)
 - InputDetail, [25](#)
 - Login, [40](#)
 - PageLayout, [52](#)
 - ProjectDetail, [68](#)
 - RollNoDetail, [82](#)
- HeadEnd
 - ClassDetail, [9](#)
 - InputDetail, [25](#)
 - Login, [40](#)
 - PageLayout, [52](#)
 - PageStructureMaker, [59](#)
 - ProjectDetail, [68](#)
 - RollNoDetail, [82](#)
- HeadStart
 - ClassDetail, [10](#)
 - InputDetail, [25](#)
 - Login, [41](#)
 - PageLayout, [52](#)
 - PageStructureMaker, [60](#)
 - ProjectDetail, [69](#)
 - RollNoDetail, [82](#)
- Header
 - ClassDetail, [10](#)
 - InputDetail, [25](#)
 - Login, [41](#)
 - PageLayout, [52](#)
 - ProjectDetail, [69](#)
 - RollNoDetail, [82](#)
- InputDetail, [21](#)
 - Anchor, [23](#)
 - BodyEnd, [23](#)
 - BodyStart, [23](#)
 - Button, [23](#)
 - CSS, [24](#)
 - ContextType, [24](#)
 - DivEnd, [24](#)
 - DivStart, [24](#)
 - emailID, [29](#)
 - fieldName, [29](#)
 - Footer, [24](#)
 - FormEnd, [24](#)
 - FormStart, [25](#)
 - HTMLEnd, [25](#)
 - HTMLStart, [26](#)
 - Head, [25](#)
 - HeadEnd, [25](#)
 - HeadStart, [25](#)
 - Header, [25](#)
 - InputDetail, [23](#)
 - InputField, [26](#)
 - InputDetail, [23](#)
 - IntToString, [26](#)
 - Javascript, [26](#)
 - ListEnd, [26](#)
 - ListItem, [27](#)
 - ListStart, [27](#)
 - Logo, [27](#)
 - LogoutLink, [27](#)
 - Menu, [28](#)
 - projectID, [30](#)
 - projectName, [30](#)
 - SelectFieldEnd, [28](#)
 - SelectFieldStart, [28](#)
 - SelectOptionEnd, [28](#)
 - SelectOptionStart, [28](#)
 - sessionID, [30](#)
 - SetCookies, [28](#)
 - SetHTMLVariables, [29](#)
 - startH1, [30](#)
 - StringToInt, [29](#)
 - TableEnd, [29](#)
 - TableStart, [29](#)
 - Title, [29](#)
- InputField
 - ClassDetail, [10](#)
 - InputDetail, [26](#)
 - Login, [41](#)
 - PageLayout, [53](#)
 - PageStructureMaker, [60](#)
 - ProjectDetail, [69](#)
 - RollNoDetail, [83](#)
- InputFieldName, [30](#)
 - centreName, [32](#)
 - className, [32](#)
 - columns, [32](#)
 - emailID, [32](#)
 - endRollNo, [32](#)
 - examDate, [32](#)
 - examName, [32](#)
 - examTime, [32](#)
 - examVenue, [32](#)
 - InputFieldName, [31](#)
 - InputFieldName, [31](#)
 - notIncluded, [32](#)
 - password, [33](#)
 - prefix, [33](#)

- projectID, 33
- projectName, 33
- retypePassword, 33
- roomNo, 33
- rows, 33
- SetFieldNames, 31
- startRollNo, 33
- strategyChoice, 33
- subjectCode, 34
- subjectName, 34
- totalCentres, 34
- totalClasses, 34
- totalRooms, 34
- totalSubjects, 34
- InsertClassDetail
 - Database, 17
- InsertExamDetail
 - Database, 17
- InsertProjectName
 - Database, 17
- InsertQuery
 - Database, 17, 18
- InsertRoomDetail
 - Database, 18
- InsertSession
 - Database, 18
- InsertStrategy
 - Database, 18
- InsertTotalCentres
 - Database, 19
- InsertTotalClasses
 - Database, 19
- InsertTotalRooms
 - Database, 19
- InsertUser
 - Database, 19
- IntToString
 - ClassDetail, 11
 - InputDetail, 26
 - Login, 42
 - ProjectDetail, 70
 - RollNoDetail, 83
- JavaScript, 34
 - JavaScript, 35
 - JavaScript, 35
 - OnChangeEvent, 35
 - OnFocusEvent, 35
- Javascript
 - ClassDetail, 11
 - InputDetail, 26
 - Login, 42
 - PageLayout, 53
 - PageStructureMaker, 60
 - ProjectDetail, 70
 - RollNoDetail, 83
- ListEnd
 - ClassDetail, 11
- InputDetail, 26
- Login, 42
- PageLayout, 53
- PageStructureMaker, 61
- ProjectDetail, 70
- RollNoDetail, 83
- ListItem
 - ClassDetail, 11
 - InputDetail, 27
 - Login, 42
 - PageLayout, 53
 - PageStructureMaker, 61
 - ProjectDetail, 70
 - RollNoDetail, 84
- ListStart
 - ClassDetail, 11
 - InputDetail, 27
 - Login, 42
 - PageLayout, 54
 - PageStructureMaker, 61
 - ProjectDetail, 70
 - RollNoDetail, 84
- Login, 35
 - ~Login, 38
 - AddNewUser, 38
 - AlreadyLoggedIn, 38
 - Anchor, 38
 - BodyEnd, 39
 - BodyStart, 39
 - Button, 39
 - CSS, 39
 - ContextType, 39
 - currentDate, 46
 - DivEnd, 39
 - DivStart, 40
 - emailID, 46
 - fieldName, 46
 - Footer, 40
 - FormEnd, 40
 - FormStart, 40
 - HTMLEnd, 41
 - HTMLStart, 41
 - Head, 40
 - HeadEnd, 40
 - HeadStart, 41
 - Header, 41
 - InputField, 41
 - IntToString, 42
 - Javascript, 42
 - ListEnd, 42
 - ListItem, 42
 - ListStart, 42
 - Login, 38
 - LoginPage, 43
 - Logo, 43
 - LogoutLink, 43
 - LogoutPage, 43
 - Menu, 44

- msg, [46](#)
- password, [46](#)
- projectId, [47](#)
- projectName, [47](#)
- ReadLoginDetail, [44](#)
- RegisterPage, [44](#)
- retypePassword, [47](#)
- SelectFieldEnd, [44](#)
- SelectFieldStart, [44](#)
- SelectLoginDetail, [44](#)
- SelectOptionEnd, [45](#)
- SelectOptionStart, [45](#)
- sessionID, [47](#)
- SetCookies, [45](#)
- SetHTMLVariables, [45](#)
- startH1, [47](#)
- StringToInt, [45](#)
- TableEnd, [46](#)
- TableStart, [46](#)
- Title, [46](#)
- userEmailID, [47](#)
- userPassword, [47](#)
- LoginPage
 - Login, [43](#)
 - ProjectDetail, [71](#)
- Logo
 - ClassDetail, [12](#)
 - InputDetail, [27](#)
 - Login, [43](#)
 - PageLayout, [54](#)
 - ProjectDetail, [71](#)
 - RollNoDetail, [84](#)
- LogoutLink
 - ClassDetail, [12](#)
 - InputDetail, [27](#)
 - Login, [43](#)
 - PageLayout, [54](#)
 - ProjectDetail, [71](#)
 - RollNoDetail, [84](#)
- LogoutPage
 - Login, [43](#)
 - ProjectDetail, [71](#)
- MD5, [48](#)
- Menu
 - ClassDetail, [12](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [54](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [84](#)
- msg
 - Login, [46](#)
 - ProjectDetail, [75](#)
- notIncluded
 - InputFieldName, [32](#)
- numrows
 - Database, [20](#)
- OnChangeEvent
 - JavaScript, [35](#)
- OnFocusEvent
 - JavaScript, [35](#)
- PageLayout, [48](#)
 - Anchor, [50](#)
 - BodyEnd, [50](#)
 - BodyStart, [50](#)
 - Button, [50](#)
 - CSS, [51](#)
 - ContextType, [51](#)
 - DivEnd, [51](#)
 - DivStart, [51](#)
 - Footer, [51](#)
 - FormEnd, [51](#)
 - FormStart, [52](#)
 - HTMLEnd, [52](#)
 - HTMLStart, [53](#)
 - Head, [52](#)
 - HeadEnd, [52](#)
 - HeadStart, [52](#)
 - Header, [52](#)
 - InputField, [53](#)
 - Javascript, [53](#)
 - ListEnd, [53](#)
 - ListItem, [53](#)
 - ListStart, [54](#)
 - Logo, [54](#)
 - LogoutLink, [54](#)
 - Menu, [54](#)
 - PageLayout, [50](#)
 - PageLayout, [50](#)
 - SelectFieldEnd, [54](#)
 - SelectFieldStart, [55](#)
 - SelectOptionEnd, [55](#)
 - SelectOptionStart, [55](#)
 - sessionID, [56](#)
 - SetCookies, [55](#)
 - SetHTMLVariables, [55](#)
 - startH1, [56](#)
 - TableEnd, [55](#)
 - TableStart, [56](#)
 - Title, [56](#)
- PageStructureMaker, [56](#)
 - Anchor, [58](#)
 - BodyEnd, [58](#)
 - BodyStart, [58](#)
 - Button, [59](#)
 - CSS, [59](#)
 - DivEnd, [59](#)
 - DivStart, [59](#)
 - FormEnd, [59](#)
 - FormStart, [59](#)
 - HTMLEnd, [60](#)
 - HTMLStart, [60](#)
 - HeadEnd, [59](#)
 - HeadStart, [60](#)
 - InputField, [60](#)

- Javascript, [60](#)
- ListEnd, [61](#)
- ListItem, [61](#)
- ListStart, [61](#)
- PageStructureMaker, [58](#)
- PageStructureMaker, [58](#)
- SelectFieldEnd, [61](#)
- SelectFieldStart, [61](#)
- SelectOptionEnd, [62](#)
- SelectOptionStart, [62](#)
- SetHTMLVariables, [62](#)
- startH1, [63](#)
- TableEnd, [62](#)
- TableStart, [62](#)
- Title, [62](#)
- password
 - InputFieldName, [33](#)
 - Login, [46](#)
 - ProjectDetail, [75](#)
- prefix
 - InputFieldName, [33](#)
 - RollNoDetail, [87](#)
- ProjectDetail, [63](#)
 - ~ProjectDetail, [65](#)
 - AddNewUser, [66](#)
 - AlreadyLoggedIn, [66](#)
 - Anchor, [66](#)
 - AuthorizeUser, [66](#)
 - BodyEnd, [67](#)
 - BodyStart, [67](#)
 - Button, [67](#)
 - CSS, [67](#)
 - ClassDetail, [12](#)
 - ContextType, [67](#)
 - currentDate, [74](#)
 - DivEnd, [67](#)
 - DivStart, [68](#)
 - emailID, [74](#)
 - fieldName, [75](#)
 - Footer, [68](#)
 - FormEnd, [68](#)
 - FormStart, [68](#)
 - HTMLEnd, [69](#)
 - HTMLStart, [69](#)
 - Head, [68](#)
 - HeadEnd, [68](#)
 - HeadStart, [69](#)
 - Header, [69](#)
 - InputField, [69](#)
 - IntToString, [70](#)
 - Javascript, [70](#)
 - ListEnd, [70](#)
 - ListItem, [70](#)
 - ListStart, [70](#)
 - LoginPage, [71](#)
 - Logo, [71](#)
 - LogoutLink, [71](#)
 - LogoutPage, [71](#)
 - Menu, [72](#)
 - msg, [75](#)
 - password, [75](#)
 - ProjectDetail, [65](#)
 - ProjectDetailPage, [72](#)
 - projectID, [75](#)
 - projectName, [75](#)
 - ProjectDetail, [65](#)
 - ReadLoginDetail, [72](#)
 - RegisterPage, [72](#)
 - retypePassword, [75](#)
 - SelectFieldEnd, [72](#)
 - SelectFieldStart, [73](#)
 - SelectLoginDetail, [73](#)
 - SelectOptionEnd, [73](#)
 - SelectOptionStart, [73](#)
 - sessionID, [75](#)
 - SetCookies, [73](#)
 - SetHTMLVariables, [74](#)
 - startH1, [75](#)
 - StringToInt, [74](#)
 - TableEnd, [74](#)
 - TableStart, [74](#)
 - Title, [74](#)
 - userEmailID, [75](#)
 - userPassword, [76](#)
- ProjectDetailPage
 - ProjectDetail, [72](#)
- projectID
 - ClassDetail, [15](#)
 - InputDetail, [30](#)
 - InputFieldName, [33](#)
 - Login, [47](#)
 - ProjectDetail, [75](#)
 - RollNoDetail, [87](#)
- projectName
 - ClassDetail, [15](#)
 - InputDetail, [30](#)
 - InputFieldName, [33](#)
 - Login, [47](#)
 - ProjectDetail, [75](#)
 - RollNoDetail, [87](#)
- ReadClassDetail
 - RollNoDetail, [85](#)
- ReadFieldValue
 - ReadInputField, [76, 77](#)
- ReadInputField, [76](#)
 - fi, [77](#)
 - formData, [77](#)
 - ReadFieldValue, [76, 77](#)
 - ReadInputField, [76](#)
 - ReadInputField, [76](#)
- ReadLoginDetail
 - Login, [44](#)
 - ProjectDetail, [72](#)
- RegisterPage
 - Login, [44](#)
 - ProjectDetail, [72](#)

- retryPassword
 - InputFieldName, [33](#)
 - Login, [47](#)
 - ProjectDetail, [75](#)
- RollNoDetail, [77](#)
 - Anchor, [80](#)
 - BodyEnd, [80](#)
 - BodyStart, [80](#)
 - Button, [80](#)
 - CSS, [81](#)
 - ContextType, [80](#)
 - DivEnd, [81](#)
 - DivStart, [81](#)
 - emailID, [87](#)
 - fieldName, [87](#)
 - Footer, [81](#)
 - FormEnd, [81](#)
 - FormStart, [81](#)
 - HTMLEnd, [82](#)
 - HTMLStart, [83](#)
 - Head, [82](#)
 - HeadEnd, [82](#)
 - HeadStart, [82](#)
 - Header, [82](#)
 - InputField, [83](#)
 - IntToString, [83](#)
 - Javascript, [83](#)
 - ListEnd, [83](#)
 - ListItem, [84](#)
 - ListStart, [84](#)
 - Logo, [84](#)
 - LogoutLink, [84](#)
 - Menu, [84](#)
 - prefix, [87](#)
 - projectId, [87](#)
 - projectName, [87](#)
 - ReadClassDetail, [85](#)
 - RollNoDetail, [80](#)
 - RollNoDetailPage, [85](#)
 - RollNoDetail, [80](#)
 - SelectFieldEnd, [85](#)
 - SelectFieldStart, [85](#)
 - SelectOptionEnd, [85](#)
 - SelectOptionStart, [85](#)
 - sessionID, [87](#)
 - SetCookies, [86](#)
 - SetHTMLVariables, [86](#)
 - SplitSubject, [86](#)
 - startH1, [88](#)
 - StringToInt, [86](#)
 - TableEnd, [86](#)
 - TableStart, [87](#)
 - Title, [87](#)
- RollNoDetailPage
 - RollNoDetail, [85](#)
- roomNo
 - InputFieldName, [33](#)
- rows
 - InputFieldName, [33](#)
- SelectColumn
 - Database, [19](#)
- SelectFieldEnd
 - ClassDetail, [12](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [54](#)
 - PageStructureMaker, [61](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [85](#)
- SelectFieldStart
 - ClassDetail, [13](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [61](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [85](#)
- SelectLoginDetail
 - Login, [44](#)
 - ProjectDetail, [73](#)
- SelectOptionEnd
 - ClassDetail, [13](#)
 - InputDetail, [28](#)
 - Login, [45](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [85](#)
- SelectOptionStart
 - ClassDetail, [13](#)
 - InputDetail, [28](#)
 - Login, [45](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [85](#)
- SelectProjectID
 - Database, [20](#)
- SelectQuery
 - Database, [20](#)
- sessionID
 - ClassDetail, [15](#)
 - InputDetail, [30](#)
 - Login, [47](#)
 - PageLayout, [56](#)
 - ProjectDetail, [75](#)
 - RollNoDetail, [87](#)
- SetCookies
 - ClassDetail, [13](#)
 - InputDetail, [28](#)
 - Login, [45](#)
 - PageLayout, [55](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [86](#)
- SetFieldNames
 - InputFieldName, [31](#)

SetHTMLVariables
 ClassDetail, [13](#)
 InputDetail, [29](#)
 Login, [45](#)
 PageLayout, [55](#)
 PageStructureMaker, [62](#)
 ProjectDetail, [74](#)
 RollNoDetail, [86](#)
 SplitSubject
 RollNoDetail, [86](#)
 startH1
 ClassDetail, [15](#)
 InputDetail, [30](#)
 Login, [47](#)
 PageLayout, [56](#)
 PageStructureMaker, [63](#)
 ProjectDetail, [75](#)
 RollNoDetail, [88](#)
 startRollNo
 InputFieldName, [33](#)
 strategyChoice
 InputFieldName, [33](#)
 StringToInt
 ClassDetail, [13](#)
 InputDetail, [29](#)
 Login, [45](#)
 ProjectDetail, [74](#)
 RollNoDetail, [86](#)
 subjectCode
 InputFieldName, [34](#)
 subjectName
 InputFieldName, [34](#)

 tLogin
 Database, [21](#)
 TableEnd
 ClassDetail, [14](#)
 InputDetail, [29](#)
 Login, [46](#)
 PageLayout, [55](#)
 PageStructureMaker, [62](#)
 ProjectDetail, [74](#)
 RollNoDetail, [86](#)
 TableStart
 ClassDetail, [14](#)
 InputDetail, [29](#)
 Login, [46](#)
 PageLayout, [56](#)
 PageStructureMaker, [62](#)
 ProjectDetail, [74](#)
 RollNoDetail, [87](#)
 Title
 ClassDetail, [14](#)
 InputDetail, [29](#)
 Login, [46](#)
 PageLayout, [56](#)
 PageStructureMaker, [62](#)
 ProjectDetail, [74](#)
 RollNoDetail, [87](#)

 totalCentres
 InputFieldName, [34](#)
 TotalClasses
 ClassDetail, [14](#)
 totalClasses
 ClassDetail, [15](#)
 InputFieldName, [34](#)
 TotalClassesPage
 ClassDetail, [14](#)
 totalRooms
 InputFieldName, [34](#)
 totalSubjects
 InputFieldName, [34](#)

 userEmailID
 Login, [47](#)
 ProjectDetail, [75](#)
 userPassword
 Login, [47](#)
 ProjectDetail, [76](#)