

BaKaPlan

Version 0.6

Generated by Doxygen 1.8.1.2

Sun Mar 17 2013 13:46:46

Contents

1	Class Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	File Index	5
3.1	File List	5
4	Class Documentation	7
4.1	ClassDetail Class Reference	7
4.1.1	Detailed Description	9
4.1.2	Constructor & Destructor Documentation	9
4.1.2.1	ClassDetail	9
4.1.2.2	~ClassDetail	9
4.1.3	Member Function Documentation	9
4.1.3.1	Anchor	9
4.1.3.2	BodyEnd	10
4.1.3.3	BodyStart	10
4.1.3.4	Button	10
4.1.3.5	ClassInfoPage	10
4.1.3.6	ContextType	10
4.1.3.7	CSS	10
4.1.3.8	DivEnd	11
4.1.3.9	DivStart	11
4.1.3.10	Footer	11
4.1.3.11	FormEnd	11
4.1.3.12	FormStart	11
4.1.3.13	Head	11
4.1.3.14	HeadEnd	11
4.1.3.15	Header	12
4.1.3.16	Header	12

4.1.3.17	HeadStart	12
4.1.3.18	HTMLEnd	12
4.1.3.19	HTMLStart	12
4.1.3.20	InputField	12
4.1.3.21	InputField	13
4.1.3.22	IntToString	13
4.1.3.23	Javascript	13
4.1.3.24	Label	13
4.1.3.25	ListEnd	13
4.1.3.26	ListItem	14
4.1.3.27	ListStart	14
4.1.3.28	Logo	14
4.1.3.29	LogoutLink	14
4.1.3.30	Menu	14
4.1.3.31	ProjectDetail	15
4.1.3.32	SelectFieldEnd	15
4.1.3.33	SelectFieldStart	15
4.1.3.34	SelectOptionEnd	15
4.1.3.35	SelectOptionStart	15
4.1.3.36	SetCookies	15
4.1.3.37	SetHTMLVariables	16
4.1.3.38	StringToInt	16
4.1.3.39	TableEnd	16
4.1.3.40	TableStart	16
4.1.3.41	Title	16
4.1.3.42	TotalClasses	16
4.1.3.43	TotalClassesPage	17
4.1.4	Member Data Documentation	17
4.1.4.1	emailID	17
4.1.4.2	fieldName	17
4.1.4.3	projectID	17
4.1.4.4	projectName	17
4.1.4.5	sessionID	17
4.1.4.6	startH1	17
4.1.4.7	totalClasses	18
4.2	Database Class Reference	18
4.2.1	Detailed Description	19
4.2.2	Constructor & Destructor Documentation	19
4.2.2.1	Database	19
4.2.2.2	~Database	19

4.2.3	Member Function Documentation	19
4.2.3.1	InsertClassDetail	19
4.2.3.2	InsertExamDetail	19
4.2.3.3	InsertProjectName	20
4.2.3.4	InsertQuery	20
4.2.3.5	InsertQuery	20
4.2.3.6	InsertRollNoDetail	20
4.2.3.7	InsertRoomDetail	21
4.2.3.8	InsertSession	21
4.2.3.9	InsertStrategy	21
4.2.3.10	InsertTotalCentres	21
4.2.3.11	InsertTotalClasses	21
4.2.3.12	InsertTotalRooms	22
4.2.3.13	InsertUser	22
4.2.3.14	Select	22
4.2.3.15	SelectColumn	22
4.2.3.16	SelectProjectID	23
4.2.3.17	SelectQuery	23
4.2.3.18	SelectQuery	23
4.2.3.19	SelectSum	23
4.2.4	Member Data Documentation	23
4.2.4.1	connect	23
4.2.4.2	numrows	24
4.2.4.3	tLogin	24
4.3	InputDetail Class Reference	24
4.3.1	Detailed Description	26
4.3.2	Constructor & Destructor Documentation	26
4.3.2.1	InputDetail	26
4.3.3	Member Function Documentation	26
4.3.3.1	Anchor	26
4.3.3.2	BodyEnd	26
4.3.3.3	BodyStart	26
4.3.3.4	Button	26
4.3.3.5	ContextType	27
4.3.3.6	CSS	27
4.3.3.7	DivEnd	27
4.3.3.8	DivStart	27
4.3.3.9	Footer	27
4.3.3.10	FormEnd	27
4.3.3.11	FormStart	28

4.3.3.12	Head	28
4.3.3.13	HeadEnd	28
4.3.3.14	Header	28
4.3.3.15	Header	28
4.3.3.16	HeadStart	28
4.3.3.17	HTMLEnd	29
4.3.3.18	HTMLStart	29
4.3.3.19	InputField	29
4.3.3.20	InputField	29
4.3.3.21	IntToString	29
4.3.3.22	Javascript	29
4.3.3.23	Label	30
4.3.3.24	ListEnd	30
4.3.3.25	ListItem	30
4.3.3.26	ListStart	30
4.3.3.27	Logo	30
4.3.3.28	LogoutLink	31
4.3.3.29	Menu	31
4.3.3.30	SelectFieldEnd	31
4.3.3.31	SelectFieldStart	31
4.3.3.32	SelectOptionEnd	31
4.3.3.33	SelectOptionStart	31
4.3.3.34	SetCookies	32
4.3.3.35	SetHTMLVariables	32
4.3.3.36	StringToInt	32
4.3.3.37	TableEnd	32
4.3.3.38	TableStart	32
4.3.3.39	Title	33
4.3.4	Member Data Documentation	33
4.3.4.1	emailID	33
4.3.4.2	fieldName	33
4.3.4.3	projectID	33
4.3.4.4	projectName	33
4.3.4.5	sessionID	33
4.3.4.6	startH1	33
4.4	InputFieldName Class Reference	33
4.4.1	Detailed Description	34
4.4.2	Constructor & Destructor Documentation	34
4.4.2.1	InputFieldName	34
4.4.3	Member Function Documentation	35

4.4.3.1	SetFieldNames	35
4.4.4	Member Data Documentation	35
4.4.4.1	centreName	35
4.4.4.2	className	35
4.4.4.3	columns	35
4.4.4.4	emailID	35
4.4.4.5	endRollNo	35
4.4.4.6	examDate	35
4.4.4.7	examName	35
4.4.4.8	examTime	36
4.4.4.9	examVenue	36
4.4.4.10	notIncluded	36
4.4.4.11	password	36
4.4.4.12	prefix	36
4.4.4.13	projectID	36
4.4.4.14	projectName	36
4.4.4.15	retypePassword	36
4.4.4.16	roomNo	36
4.4.4.17	rows	37
4.4.4.18	startRollNo	37
4.4.4.19	strategyChoice	37
4.4.4.20	subjectCode	37
4.4.4.21	subjectName	37
4.4.4.22	totalCentres	37
4.4.4.23	totalClasses	37
4.4.4.24	totalRooms	37
4.4.4.25	totalSubjects	37
4.5	JavaScript Class Reference	38
4.5.1	Detailed Description	38
4.5.2	Constructor & Destructor Documentation	38
4.5.2.1	JavaScript	38
4.5.3	Member Function Documentation	38
4.5.3.1	OnChangeEvent	38
4.5.3.2	OnFocusEvent	38
4.6	Login Class Reference	39
4.6.1	Detailed Description	41
4.6.2	Constructor & Destructor Documentation	41
4.6.2.1	Login	41
4.6.2.2	~Login	41
4.6.3	Member Function Documentation	41

4.6.3.1	AddNewUser	41
4.6.3.2	AlreadyLoggedIn	41
4.6.3.3	Anchor	42
4.6.3.4	BodyEnd	42
4.6.3.5	BodyStart	42
4.6.3.6	Button	42
4.6.3.7	ContextType	42
4.6.3.8	CSS	43
4.6.3.9	DivEnd	43
4.6.3.10	DivStart	43
4.6.3.11	Footer	43
4.6.3.12	FormEnd	43
4.6.3.13	FormStart	43
4.6.3.14	Head	44
4.6.3.15	HeadEnd	44
4.6.3.16	Header	44
4.6.3.17	Header	44
4.6.3.18	HeadStart	44
4.6.3.19	HTMLEnd	44
4.6.3.20	HTMLStart	44
4.6.3.21	InputField	45
4.6.3.22	InputField	45
4.6.3.23	IntToString	45
4.6.3.24	Javascript	45
4.6.3.25	Label	45
4.6.3.26	ListEnd	45
4.6.3.27	ListItem	46
4.6.3.28	ListStart	46
4.6.3.29	LoginPage	46
4.6.3.30	Logo	46
4.6.3.31	LogoutLink	47
4.6.3.32	LogoutPage	47
4.6.3.33	Menu	47
4.6.3.34	ReadLoginDetail	47
4.6.3.35	RegisterPage	47
4.6.3.36	SelectFieldEnd	48
4.6.3.37	SelectFieldStart	48
4.6.3.38	SelectLoginDetail	48
4.6.3.39	SelectOptionEnd	48
4.6.3.40	SelectOptionStart	48

4.6.3.41	SetCookies	48
4.6.3.42	SetHTMLVariables	49
4.6.3.43	StringToInt	49
4.6.3.44	TableEnd	49
4.6.3.45	TableStart	49
4.6.3.46	Title	49
4.6.4	Member Data Documentation	49
4.6.4.1	currentDate	50
4.6.4.2	emailID	50
4.6.4.3	fieldName	50
4.6.4.4	msg	50
4.6.4.5	password	50
4.6.4.6	projectID	50
4.6.4.7	projectName	50
4.6.4.8	retypePassword	50
4.6.4.9	sessionID	50
4.6.4.10	startH1	51
4.6.4.11	userEmailID	51
4.6.4.12	userPassword	51
4.7	MD5 Class Reference	51
4.7.1	Detailed Description	51
4.8	PageLayout Class Reference	52
4.8.1	Detailed Description	53
4.8.2	Constructor & Destructor Documentation	53
4.8.2.1	PageLayout	53
4.8.3	Member Function Documentation	53
4.8.3.1	Anchor	53
4.8.3.2	BodyEnd	54
4.8.3.3	BodyStart	54
4.8.3.4	Button	54
4.8.3.5	ContextType	54
4.8.3.6	CSS	54
4.8.3.7	DivEnd	55
4.8.3.8	DivStart	55
4.8.3.9	Footer	55
4.8.3.10	FormEnd	55
4.8.3.11	FormStart	55
4.8.3.12	Head	55
4.8.3.13	HeadEnd	56
4.8.3.14	Header	56

4.8.3.15	HeadStart	56
4.8.3.16	HTMLEnd	56
4.8.3.17	HTMLStart	56
4.8.3.18	InputField	56
4.8.3.19	InputField	57
4.8.3.20	Javascript	57
4.8.3.21	Label	57
4.8.3.22	ListEnd	57
4.8.3.23	ListItem	57
4.8.3.24	ListStart	58
4.8.3.25	Logo	58
4.8.3.26	LogoutLink	58
4.8.3.27	Menu	58
4.8.3.28	SelectFieldEnd	58
4.8.3.29	SelectFieldStart	58
4.8.3.30	SelectOptionEnd	59
4.8.3.31	SelectOptionStart	59
4.8.3.32	SetCookies	59
4.8.3.33	SetHTMLVariables	59
4.8.3.34	TableEnd	59
4.8.3.35	TableStart	60
4.8.3.36	Title	60
4.8.4	Member Data Documentation	60
4.8.4.1	sessionID	60
4.8.4.2	startH1	60
4.9	PageStructureMaker Class Reference	60
4.9.1	Detailed Description	61
4.9.2	Constructor & Destructor Documentation	62
4.9.2.1	PageStructureMaker	62
4.9.3	Member Function Documentation	62
4.9.3.1	Anchor	62
4.9.3.2	BodyEnd	62
4.9.3.3	BodyStart	62
4.9.3.4	Button	62
4.9.3.5	CSS	62
4.9.3.6	DivEnd	63
4.9.3.7	DivStart	63
4.9.3.8	FormEnd	63
4.9.3.9	FormStart	63
4.9.3.10	HeadEnd	63

4.9.3.11	HeadStart	63
4.9.3.12	HTMLEnd	64
4.9.3.13	HTMLStart	64
4.9.3.14	InputField	64
4.9.3.15	InputField	64
4.9.3.16	Javascript	64
4.9.3.17	Label	64
4.9.3.18	ListEnd	65
4.9.3.19	ListItem	65
4.9.3.20	ListStart	65
4.9.3.21	SelectFieldEnd	65
4.9.3.22	SelectFieldStart	65
4.9.3.23	SelectOptionEnd	66
4.9.3.24	SelectOptionStart	66
4.9.3.25	SetHTMLVariables	66
4.9.3.26	TableEnd	66
4.9.3.27	TableStart	66
4.9.3.28	Title	66
4.9.4	Member Data Documentation	67
4.9.4.1	startH1	67
4.10	ProjectDetail Class Reference	67
4.10.1	Detailed Description	69
4.10.2	Constructor & Destructor Documentation	69
4.10.2.1	ProjectDetail	69
4.10.2.2	~ProjectDetail	69
4.10.3	Member Function Documentation	70
4.10.3.1	AddNewUser	70
4.10.3.2	AlreadyLoggedIn	70
4.10.3.3	Anchor	70
4.10.3.4	AuthorizeUser	70
4.10.3.5	BodyEnd	71
4.10.3.6	BodyStart	71
4.10.3.7	Button	71
4.10.3.8	ContextType	71
4.10.3.9	CSS	71
4.10.3.10	DivEnd	71
4.10.3.11	DivStart	72
4.10.3.12	Footer	72
4.10.3.13	FormEnd	72
4.10.3.14	FormStart	72

4.10.3.15 Head	72
4.10.3.16 HeadEnd	72
4.10.3.17 Header	73
4.10.3.18 Header	73
4.10.3.19 HeadStart	73
4.10.3.20 HTMLEnd	73
4.10.3.21 HTMLStart	73
4.10.3.22 InputField	73
4.10.3.23 InputField	74
4.10.3.24 IntToString	74
4.10.3.25 Javascript	74
4.10.3.26 Label	74
4.10.3.27 ListEnd	74
4.10.3.28 ListItem	74
4.10.3.29 ListStart	75
4.10.3.30 LoginPage	75
4.10.3.31 Logo	75
4.10.3.32 LogoutLink	75
4.10.3.33 LogoutPage	76
4.10.3.34 Menu	76
4.10.3.35 ProjectDetailPage	76
4.10.3.36 ReadLoginDetail	76
4.10.3.37 RegisterPage	76
4.10.3.38 SelectFieldEnd	77
4.10.3.39 SelectFieldStart	77
4.10.3.40 SelectLoginDetail	77
4.10.3.41 SelectOptionEnd	77
4.10.3.42 SelectOptionStart	77
4.10.3.43 SetCookies	78
4.10.3.44 SetHTMLVariables	78
4.10.3.45 StringToInt	78
4.10.3.46 TableEnd	78
4.10.3.47 TableStart	78
4.10.3.48 Title	78
4.10.4 Member Data Documentation	79
4.10.4.1 currentDate	79
4.10.4.2 emailID	79
4.10.4.3 fieldName	79
4.10.4.4 msg	79
4.10.4.5 password	79

4.10.4.6	projectID	79
4.10.4.7	projectName	79
4.10.4.8	retypePassword	79
4.10.4.9	sessionID	79
4.10.4.10	startH1	80
4.10.4.11	userEmailID	80
4.10.4.12	userPassword	80
4.11	ReadInputField Class Reference	80
4.11.1	Detailed Description	80
4.11.2	Constructor & Destructor Documentation	80
4.11.2.1	ReadInputField	80
4.11.3	Member Function Documentation	81
4.11.3.1	ReadFieldValue	81
4.11.3.2	ReadFieldValue	81
4.11.4	Member Data Documentation	81
4.11.4.1	fi	81
4.11.4.2	formData	81
4.12	RollNoDetail Class Reference	81
4.12.1	Detailed Description	84
4.12.2	Constructor & Destructor Documentation	84
4.12.2.1	RollNoDetail	84
4.12.3	Member Function Documentation	84
4.12.3.1	Anchor	84
4.12.3.2	BodyEnd	84
4.12.3.3	BodyStart	84
4.12.3.4	Button	84
4.12.3.5	ContextType	85
4.12.3.6	CSS	85
4.12.3.7	DivEnd	85
4.12.3.8	DivStart	85
4.12.3.9	Footer	85
4.12.3.10	FormEnd	85
4.12.3.11	FormStart	86
4.12.3.12	Head	86
4.12.3.13	HeadEnd	86
4.12.3.14	Header	86
4.12.3.15	Header	86
4.12.3.16	HeadStart	86
4.12.3.17	HTMLEnd	87
4.12.3.18	HTMLStart	87

4.12.3.19 InputField	87
4.12.3.20 InputField	87
4.12.3.21 IntToString	87
4.12.3.22 Javascript	87
4.12.3.23 Label	88
4.12.3.24 ListEnd	88
4.12.3.25 ListItem	88
4.12.3.26 ListStart	88
4.12.3.27 Logo	88
4.12.3.28 LogoutLink	89
4.12.3.29 Menu	89
4.12.3.30 ReadClassDetail	89
4.12.3.31 RollNoDetailPage	89
4.12.3.32 SelectFieldEnd	89
4.12.3.33 SelectFieldStart	90
4.12.3.34 SelectOptionEnd	90
4.12.3.35 SelectOptionStart	90
4.12.3.36 SetCookies	90
4.12.3.37 SetHTMLVariables	90
4.12.3.38 SplitSubject	90
4.12.3.39 StringToInt	91
4.12.3.40 TableEnd	91
4.12.3.41 TableStart	91
4.12.3.42 Title	91
4.12.4 Member Data Documentation	91
4.12.4.1 emailID	91
4.12.4.2 fieldName	91
4.12.4.3 prefix	92
4.12.4.4 projectID	92
4.12.4.5 projectName	92
4.12.4.6 sessionID	92
4.12.4.7 startH1	92
4.13 RoomDetail Class Reference	92
4.13.1 Detailed Description	94
4.13.2 Constructor & Destructor Documentation	95
4.13.2.1 RoomDetail	95
4.13.2.2 ~RoomDetail	95
4.13.3 Member Function Documentation	95
4.13.3.1 Anchor	95
4.13.3.2 BodyEnd	95

4.13.3.3	BodyStart	95
4.13.3.4	Button	96
4.13.3.5	CentreDetailPage	96
4.13.3.6	ContextType	96
4.13.3.7	CSS	96
4.13.3.8	DivEnd	96
4.13.3.9	DivStart	96
4.13.3.10	Footer	97
4.13.3.11	FormEnd	97
4.13.3.12	FormStart	97
4.13.3.13	Head	97
4.13.3.14	HeadEnd	97
4.13.3.15	Header	97
4.13.3.16	Header	98
4.13.3.17	HeadStart	98
4.13.3.18	HTMLEnd	98
4.13.3.19	HTMLStart	98
4.13.3.20	InputField	98
4.13.3.21	InputField	98
4.13.3.22	IntToString	99
4.13.3.23	Javascript	99
4.13.3.24	Label	99
4.13.3.25	ListEnd	99
4.13.3.26	ListItem	99
4.13.3.27	ListStart	100
4.13.3.28	Logo	100
4.13.3.29	LogoutLink	100
4.13.3.30	Menu	100
4.13.3.31	ReadCentreDetail	100
4.13.3.32	ReadRollNoDetail	101
4.13.3.33	ReadRoomDetail	101
4.13.3.34	ReadTotalCentre	101
4.13.3.35	RoomDetailPage	101
4.13.3.36	SelectFieldEnd	101
4.13.3.37	SelectFieldStart	102
4.13.3.38	SelectOptionEnd	102
4.13.3.39	SelectOptionStart	102
4.13.3.40	SetCookies	102
4.13.3.41	SetHTMLVariables	102
4.13.3.42	StringToInt	103

4.13.3.43 TableEnd	103
4.13.3.44 TableStart	103
4.13.3.45 Title	103
4.13.3.46 TotalCentrePage	103
4.13.4 Member Data Documentation	103
4.13.4.1 emailID	103
4.13.4.2 fieldName	104
4.13.4.3 projectID	104
4.13.4.4 projectName	104
4.13.4.5 sessionID	104
4.13.4.6 startH1	104
4.13.4.7 totalRollNo	104
5 File Documentation	105
5.1 src/centredetail-main.cpp File Reference	105
5.1.1 Detailed Description	105
5.1.2 Function Documentation	105
5.1.2.1 main	105
5.2 src/roomdetail-main.cpp File Reference	106
5.2.1 Detailed Description	106
5.2.2 Function Documentation	106
5.2.2.1 main	106

Chapter 1

Class Index

1.1 Class Hierarchy

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

Database	18
InputFieldName	33
JavaScript	38
MD5	51
PageStructureMaker	60
PageLayout	52
InputDetail	24
ClassDetail	7
Login	39
ProjectDetail	67
RollNoDetail	81
RoomDetail	92
ReadInputField	80

Chapter 2

Class Index

2.1 Class List

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

ClassDetail	7
Database	18
InputDetail	24
InputFieldName	33
JavaScript	38
Login	39
MD5	51
PageLayout	52
PageStructureMaker	60
ProjectDetail	67
ReadInputField	80
RollNoDetail	81
RoomDetail	92

Chapter 3

File Index

3.1 File List

Here is a list of all documented files with brief descriptions:

src/ centredetail-main.cpp		
Centre Detail like centre name and total rooms		105
src/ cgicc.h		??
src/ classdetail.cc		??
src/ classdetail.h		??
src/ classinfo-main.cpp		??
src/ constant.h		??
src/ database-detail.h		??
src/ database.cc		??
src/ database.h		??
src/ filename.h		??
src/ header.h		??
src/ inputdetail.cc		??
src/ inputdetail.h		??
src/ inputfieldname.cc		??
src/ inputfieldname.h		??
src/ javascript-main.cpp		??
src/ javascript.cc		??
src/ javascript.h		??
src/ login-main.cpp		??
src/ login.cc		??
src/ login.h		??
src/ logout-main.cpp		??
src/ md5.cc		??
src/ md5.h		??
src/ newuser-main.cpp		??
src/ pagelayout.cc		??
src/ pagelayout.h		??
src/ pagestructure.cc		??
src/ pagestructure.h		??
src/ projectdetail-main.cpp		??
src/ projectdetail.cc		??
src/ projectdetail.h		??
src/ readinputfield.cc		??
src/ readinputfield.h		??
src/ register-main.cpp		??
src/ rollnodetail-main.cpp		??
src/ rollnodetail.cc		??

src/ rollnodetail.h	??
src/ roomdetail-main.cpp	
Main method for roomdetail.html page	106
src/ roomdetail.cc	??
src/ roomdetail.h	??
src/ totalcentre-main.cpp	??
src/ totalclasses-main.cpp	??

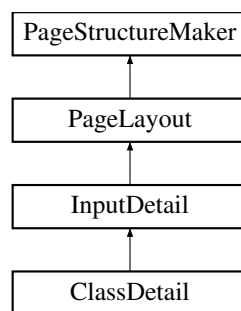
Chapter 4

Class Documentation

4.1 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string [fieldName](#), 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**

4.1.1 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.

4.1.2 Constructor & Destructor Documentation

4.1.2.1 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.

4.1.2.2 ClassDetail::~ClassDetail ()

Destructor

Class: [ClassDetail](#)

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

Description: Destructor

 Definition at line 257 of file classdetail.cc.

4.1.3 Member Function Documentation

4.1.3.1 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.

4.1.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.1.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.1.3.4 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 452 of file pagestructure.cc.

4.1.3.5 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.

4.1.3.6 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.

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

Add External CSS

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

Definition at line 138 of file pagestructure.cc.

4.1.3.8 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.1.3.9 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.

4.1.3.10 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.

4.1.3.11 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

4.1.3.12 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.

4.1.3.13 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.

4.1.3.14 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

4.1.3.15 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.

4.1.3.16 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.

4.1.3.17 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

4.1.3.18 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

4.1.3.19 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

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

Input field with 3 arguments

Class: [PageStructureMaker](#)

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

Description: For creating input field with 3 arguments

Definition at line 348 of file pagestructure.cc.

4.1.3.21 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 368 of file pagestructure.cc.

4.1.3.22 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.

4.1.3.23 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.

4.1.3.24 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.1.3.25 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.

4.1.3.26 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.

4.1.3.27 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.

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

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

4.1.3.29 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

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

Description: logout link

Definition at line 175 of file pagelayout.cc.

4.1.3.30 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.

4.1.3.31 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.

4.1.3.32 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.1.3.34 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 438 of file pagestructure.cc.

4.1.3.35 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 422 of file pagestructure.cc.

4.1.3.36 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.

4.1.3.37 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.

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

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

4.1.3.39 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

4.1.3.40 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.

4.1.3.41 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.

4.1.3.42 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.

4.1.3.43 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.

4.1.4 Member Data Documentation

4.1.4.1 string InputDetail::emailID [protected],[inherited]

Email id

Definition at line 55 of file inputdetail.h.

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

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

4.1.4.3 string InputDetail::projectID [protected],[inherited]

Project ID

Definition at line 55 of file inputdetail.h.

4.1.4.4 string InputDetail::projectName [protected],[inherited]

Project Name

Definition at line 55 of file inputdetail.h.

4.1.4.5 string PageLayout::sessionID [protected],[inherited]

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

4.1.4.7 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

4.2 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 [Select](#) (string &result)
check select query is executed or not
- void [SelectSum](#) (string column, string table, string projectID, string &result)
- void [SelectProjectID](#) (string &projectID)
- void [InsertUser](#) (string userEmailID, string userPassword)
- void [InsertQuery](#) (string query)
- void [DeleteQuery](#) (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 [InsertRollNoDetail](#) (string projectID, string className, string subjectCode, string prefix, string startRollNo, string endRollNo, string notIncluded)
- void [InsertTotalRooms](#) (string projectID, string centreName, string totalrooms)
- void [InsertExamDetail](#) (string projectID, string examName, string examDate, string examTime, string examVenue)
- 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](#)

4.2.1 Detailed Description

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

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

4.2.2 Constructor & Destructor Documentation

4.2.2.1 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.

4.2.2.2 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 465 of file database.cc.

4.2.3 Member Function Documentation

4.2.3.1 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 299 of file database.cc.

4.2.3.2 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 419 of file database.cc.

4.2.3.3 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 258 of file database.cc.

4.2.3.4 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 169 of file database.cc.

4.2.3.5 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 194 of file database.cc.

4.2.3.6 void Database::InsertRollNoDetail (string *projectID*, string *className*, string *subjectCode*, string *prefix*, string *startRollNo*, string *endRollNo*, string *notIncluded*)

Insert rollno details into RollNoDtail table

Class: [Database](#)

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

Description: Insert roll no details into database

Definition at line 323 of file database.cc.

4.2.3.7 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 367 of file database.cc.

4.2.3.8 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 239 of file database.cc.

4.2.3.9 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 446 of file database.cc.

4.2.3.10 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 346 of file database.cc.

4.2.3.11 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 278 of file database.cc.

4.2.3.12 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 395 of file database.cc.

4.2.3.13 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 217 of file database.cc.

4.2.3.14 void Database::Select (string & *result*)

check select query is executed or not

Select query for project id

Parameters

<i>result</i>	
---------------	--

Definition at line 153 of file database.cc.

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

Seclect Column

Class: [Database](#)

Method: [Database](#) :: SelectColumn

Description: Select column from table

Definition at line 129 of file database.cc.

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

select project id from ProjectName table

Definition at line 95 of file database.cc.

4.2.3.17 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.

4.2.3.18 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.

4.2.3.19 void Database::SelectSum (string *column*, string *table*, string *projectId*, string & *result*)

Select sum of column

Class: [Database](#)

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

Description: Select sum of totalSubjects from [ClassDetail](#) table

Definition at line 113 of file database.cc.

4.2.4 Member Data Documentation

4.2.4.1 MYSQL* Database::connect [protected]

MySQL connectivity Variables

Definition at line 38 of file database.h.

4.2.4.2 unsigned int Database::numrows [protected]

unsigned int variable

Definition at line 43 of file database.h.

4.2.4.3 string Database::tLogin [protected]

Table names tTablename

Definition at line 46 of file database.h.

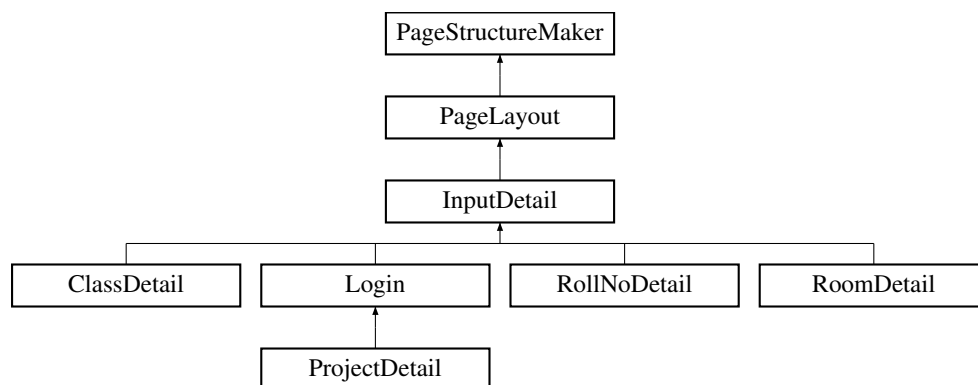
The documentation for this class was generated from the following files:

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

4.3 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string [fieldName](#), 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**

4.3.1 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.

4.3.2 Constructor & Destructor Documentation

4.3.2.1 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.

4.3.3 Member Function Documentation

4.3.3.1 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.

4.3.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.3.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.3.3.4 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 452 of file pagestructure.cc.

4.3.3.5 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.

4.3.3.6 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.

4.3.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.3.3.8 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.

4.3.3.9 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.

4.3.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

4.3.3.11 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.

4.3.3.12 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.

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

Display </HEAD>

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

4.3.3.14 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.

4.3.3.15 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.

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

Display <HEAD>

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

4.3.3.17 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.3.3.18 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

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

Input field with 3 arguments

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

Description: For creating input field with 3 arguments

Definition at line 348 of file pagestructure.cc.

4.3.3.20 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 368 of file pagestructure.cc.

4.3.3.21 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.

4.3.3.22 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.

4.3.3.23 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.3.3.24 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.

4.3.3.25 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.

4.3.3.26 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.

4.3.3.27 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.

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

Logout link

Class: [PageLayout](#)

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

Description: logout link

 Definition at line 175 of file pagelayout.cc.

4.3.3.29 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.

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

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectFieldEnd\(\)](#) Description: Close select field -----
 Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

 Definition at line 395 of file pagestructure.cc.

4.3.3.32 void [PageStructureMaker::SelectOptionEnd](#) () [[inherited](#)]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectOptionEnd\(\)](#) Description: Close select option -----
 Definition at line 438 of file pagestructure.cc.

4.3.3.33 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 422 of file pagestructure.cc.

4.3.3.34 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.

4.3.3.35 void [PageStructureMaker::SetHTMLVariables](#) () [inherited]

Assingn Values to variables

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

Definition at line 48 of file pagestructure.cc.

4.3.3.36 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.

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

End Table

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

Definition at line 266 of file pagestructure.cc.

4.3.3.38 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.

4.3.3.39 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.

4.3.4 Member Data Documentation

4.3.4.1 string InputDetail::emailID [protected]

Email id

Definition at line 55 of file inputdetail.h.

4.3.4.2 InputFieldName InputDetail::fieldName [protected]

Objects of [InputFieldName](#) and ReadFieldsValue class

Definition at line 46 of file inputdetail.h.

4.3.4.3 string InputDetail::projectID [protected]

Project ID

Definition at line 55 of file inputdetail.h.

4.3.4.4 string InputDetail::projectName [protected]

Project Name

Definition at line 55 of file inputdetail.h.

4.3.4.5 string PageLayout::sessionID [protected],[inherited]

Session ID

Definition at line 40 of file pagelayout.h.

4.3.4.6 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

4.4 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](#)

4.4.1 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.

4.4.2 Constructor & Destructor Documentation

4.4.2.1 [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.

4.4.3 Member Function Documentation

4.4.3.1 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.

4.4.4 Member Data Documentation

4.4.4.1 string InputFieldName::centreName

Center Name

Definition at line 58 of file inputfieldname.h.

4.4.4.2 string InputFieldName::className

ClassName

Definition at line 41 of file inputfieldname.h.

4.4.4.3 string InputFieldName::columns

Columns in room

Definition at line 58 of file inputfieldname.h.

4.4.4.4 string InputFieldName::emailID

Email Field

Definition at line 58 of file inputfieldname.h.

4.4.4.5 string InputFieldName::endRollNo

ending rollno

Definition at line 41 of file inputfieldname.h.

4.4.4.6 string InputFieldName::examDate

Examination Date

Definition at line 58 of file inputfieldname.h.

4.4.4.7 string InputFieldName::examName

Examination Name

Definition at line 58 of file inputfieldname.h.

4.4.4.8 string InputFieldName::examTime

Examination Time

Definition at line 58 of file inputfieldname.h.

4.4.4.9 string InputFieldName::examVenue

Examination Venue

Definition at line 58 of file inputfieldname.h.

4.4.4.10 string InputFieldName::notIncluded

roll that are not included in seating plan

Definition at line 41 of file inputfieldname.h.

4.4.4.11 string InputFieldName::password

Password field

Definition at line 58 of file inputfieldname.h.

4.4.4.12 string InputFieldName::prefix

Prefix of rollno

Definition at line 41 of file inputfieldname.h.

4.4.4.13 string InputFieldName::projectID

Project ID

Definition at line 41 of file inputfieldname.h.

4.4.4.14 string InputFieldName::projectName

Project Name

Definition at line 41 of file inputfieldname.h.

4.4.4.15 string InputFieldName::retypePassword

Retype Password

Definition at line 58 of file inputfieldname.h.

4.4.4.16 string InputFieldName::roomNo

Room Nos w.r.t to centre name

Definition at line 58 of file inputfieldname.h.

4.4.4.17 string InputFieldName::rows

Rows of room

Definition at line 58 of file inputfieldname.h.

4.4.4.18 string InputFieldName::startRollNo

starting roll no

Definition at line 41 of file inputfieldname.h.

4.4.4.19 string InputFieldName::strategyChoice

Strategy option selected by user

Definition at line 58 of file inputfieldname.h.

4.4.4.20 string InputFieldName::subjectCode

SubjectCode

Definition at line 41 of file inputfieldname.h.

4.4.4.21 string InputFieldName::subjectName

SubjectName

Definition at line 41 of file inputfieldname.h.

4.4.4.22 string InputFieldName::totalCentres

Total centres

Definition at line 58 of file inputfieldname.h.

4.4.4.23 string InputFieldName::totalClasses

TotalClasses

Definition at line 41 of file inputfieldname.h.

4.4.4.24 string InputFieldName::totalRooms

Total Rooms w.r.t centers name

Definition at line 58 of file inputfieldname.h.

4.4.4.25 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

4.5 JavaScript Class Reference

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

Public Member Functions

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

4.5.1 Detailed Description

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

4.5.2 Constructor & Destructor Documentation

4.5.2.1 [JavaScript::JavaScript](#) ()

Constructor

 Include [javascript.h](#) file

Class: [JavaScript](#)

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

Description: Constructor

 Definition at line 34 of file javascript.cc.

4.5.3 Member Function Documentation

4.5.3.1 void [JavaScript::OnChangeEvent](#) ()

onchange func. of javascript for i/p fields

4.5.3.2 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.

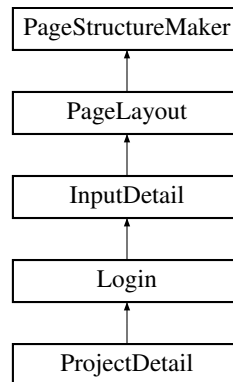
The documentation for this class was generated from the following files:

- src/javascript.h
- src/javascript.cc

4.6 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string [fieldName](#), 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**

4.6.1 Detailed Description

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

 ===== Class:
[Login](#) Description: [Login](#) class for user login =====
 Definition at line 34 of file login.h.

4.6.2 Constructor & Destructor Documentation

4.6.2.1 Login::Login ()

Constructor

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

Class: [Login](#)

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

Description: Constructor

 Definition at line 33 of file login.cc.

4.6.2.2 Login::~~Login () [inline]

Destructor

Definition at line 78 of file login.h.

4.6.3 Member Function Documentation

4.6.3.1 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.

4.6.3.2 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.

4.6.3.3 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.

4.6.3.4 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.6.3.5 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.6.3.6 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 452 of file pagestructure.cc.

4.6.3.7 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.

4.6.3.8 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.

4.6.3.9 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.6.3.10 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.

4.6.3.11 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.

4.6.3.12 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

4.6.3.13 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.

4.6.3.14 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.

4.6.3.15 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

4.6.3.16 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.

4.6.3.17 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.

4.6.3.18 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

4.6.3.19 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.6.3.20 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

4.6.3.21 `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 348 of file pagestructure.cc.

4.6.3.22 `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 368 of file pagestructure.cc.

4.6.3.23 `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.

4.6.3.24 `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.

4.6.3.25 `void PageStructureMaker::Label (string forValue, string fieldName, string value)` [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.6.3.26 `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.

4.6.3.27 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.

4.6.3.28 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.

4.6.3.29 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.

4.6.3.30 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.

4.6.3.31 void PageLayout::LogoutLink () [inherited]

Logout link

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

Description: logout link

Definition at line 175 of file pagelayout.cc.**4.6.3.32 void Login::LogoutPage ()**

Logout Page

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

Description: Logout Page

Definition at line 224 of file login.cc.**4.6.3.33 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.

4.6.3.34 void Login::ReadLoginDetail ()Read [Login](#) DetailClass: [Login](#)Method: [Login](#) :: [ReadLoginDetail\(\)](#)

Description: Reading login detail from text files given by user

Definition at line 74 of file login.cc.**4.6.3.35 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.

4.6.3.36 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.6.3.38 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.

4.6.3.39 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 438 of file pagestructure.cc.

4.6.3.40 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 422 of file pagestructure.cc.

4.6.3.41 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.

4.6.3.42 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.

4.6.3.43 int [InputDetail::StringToInt](#) (string *value*) [inherited]

Convert String to Integer.

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

Definition at line 97 of file inputdetail.cc.

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

End Table

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

Definition at line 266 of file pagestructure.cc.

4.6.3.45 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.

4.6.3.46 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.

4.6.4 Member Data Documentation

4.6.4.1 `string Login::currentDate` `[protected]`

Current Date

Definition at line 46 of file login.h.

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

For storing email and password of users Email ID as vector

Definition at line 39 of file login.h.

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

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

Definition at line 46 of file inputdetail.h.

4.6.4.4 `string Login::msg` `[protected]`

Msg string to show error message

Definition at line 46 of file login.h.

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

password as vector variable

Definition at line 39 of file login.h.

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

Project ID

Definition at line 55 of file inputdetail.h.

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

Project Name

Definition at line 55 of file inputdetail.h.

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

For reading password

Definition at line 42 of file login.h.

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

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

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

For reading emailID in text field

Definition at line 42 of file login.h.

4.6.4.12 `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

4.7 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)

4.7.1 Detailed Description

Definition at line 69 of file md5.h.

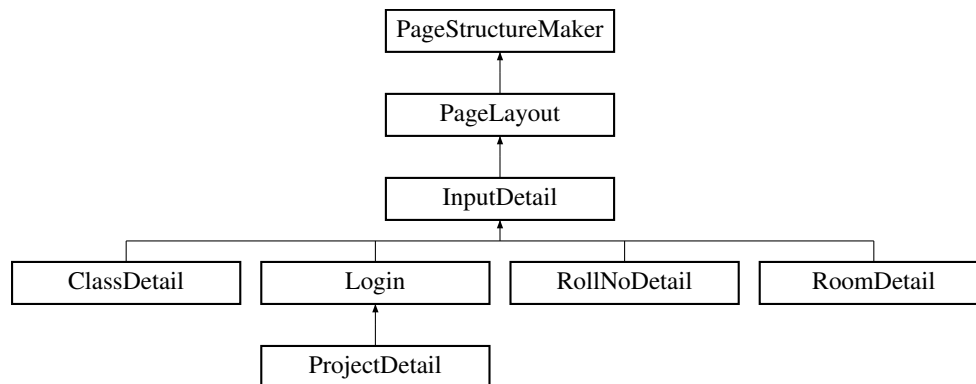
The documentation for this class was generated from the following files:

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

4.8 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string fieldName, 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**

4.8.1 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.

```

4.8.2 Constructor & Destructor Documentation

4.8.2.1 [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.

```

4.8.3 Member Function Documentation

4.8.3.1 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.

4.8.3.2 void [PageStructureMaker::BodyEnd](#) () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.8.3.3 void [PageStructureMaker::BodyStart](#) () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.8.3.4 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 452 of file pagestructure.cc.

4.8.3.5 void [PageLayout::ContextType](#) ()

Context-Type header

Class: [PageLayout](#)

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

Description: Setting content-type header

Definition at line 162 of file pagelayout.cc.

4.8.3.6 void [PageStructureMaker::CSS](#) (string *href*) [inherited]

Add External CSS

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

Definition at line 138 of file pagestructure.cc.

4.8.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.8.3.8 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.

4.8.3.9 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.

4.8.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

4.8.3.11 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.

4.8.3.12 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.

4.8.3.13 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

4.8.3.14 void PageLayout::Header ()

Header Section of Page

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

Definition at line 89 of file pagelayout.cc.

4.8.3.15 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

4.8.3.16 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.8.3.17 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

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

Input field with 3 arguments

Class: [PageStructureMaker](#)

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

Description: For creating input field with 3 arguments

Definition at line 348 of file pagestructure.cc.

4.8.3.19 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 368 of file pagestructure.cc.

4.8.3.20 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.

4.8.3.21 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

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

End List

Class: [PageStructureMaker](#)

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

Description: Close List Tag

Definition at line 292 of file pagestructure.cc.

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

List Item

Class: [PageStructureMaker](#)

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

Description: List Item

Definition at line 305 of file pagestructure.cc.

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

Start List

Class: [PageStructureMaker](#)

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

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

Definition at line 279 of file pagestructure.cc.

4.8.3.25 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.

4.8.3.26 void PageLayout::LogoutLink ()

Logout link

Class: [PageLayout](#)

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

Description: logout link

Definition at line 175 of file pagelayout.cc.

4.8.3.27 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.

4.8.3.28 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.8.3.30 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 438 of file pagestructure.cc.

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

Select Option Start

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

Definition at line 422 of file pagestructure.cc.

4.8.3.32 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.

4.8.3.33 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.

4.8.3.34 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

4.8.3.35 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.

4.8.3.36 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.

4.8.4 Member Data Documentation

4.8.4.1 string PageLayout::sessionID [protected]

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

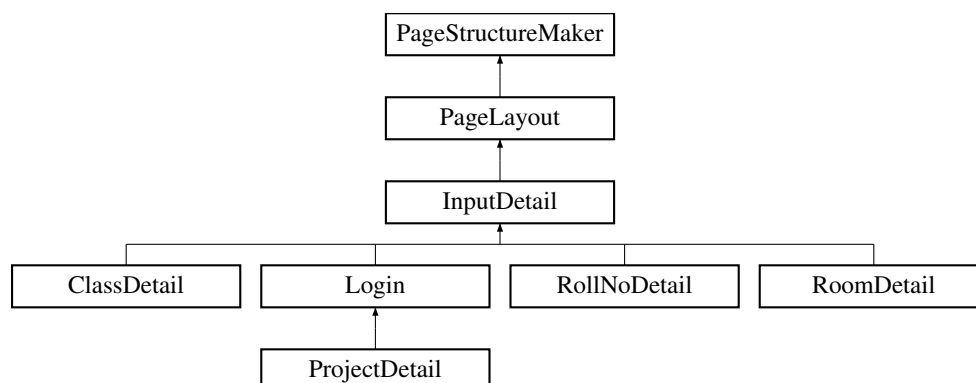
The documentation for this class was generated from the following files:

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

4.9 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string fieldName, 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](#)

4.9.1 Detailed Description

Include Header file =====

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

Definition at line 31 of file pagestructure.h.

4.9.2 Constructor & Destructor Documentation

4.9.2.1 PageStructureMaker::PageStructureMaker ()

Constructor

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

Definition at line 33 of file pagestructure.cc.

4.9.3 Member Function Documentation

4.9.3.1 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.

4.9.3.2 void PageStructureMaker::BodyEnd ()

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.9.3.3 void PageStructureMaker::BodyStart ()

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.9.3.4 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 452 of file pagestructure.cc.

4.9.3.5 void PageStructureMaker::CSS (string href)

Add External CSS

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

4.9.3.6 void PageStructureMaker::DivEnd ()

End div section

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

4.9.3.7 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.

4.9.3.8 void PageStructureMaker::FormEnd ()

End Form

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

4.9.3.9 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.

4.9.3.10 void PageStructureMaker::HeadEnd ()

Display </HEAD>

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

4.9.3.11 void PageStructureMaker::HeadStart ()

Display <HEAD>

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

4.9.3.12 void PageStructureMaker::HTMLEnd ()

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.9.3.13 void PageStructureMaker::HTMLStart ()

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

4.9.3.14 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 348 of file pagestructure.cc.

4.9.3.15 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 368 of file pagestructure.cc.

4.9.3.16 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.

4.9.3.17 void PageStructureMaker::Label (string forValue, string fieldName, string value)

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: Label\(string forValue, string value\)](#)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.9.3.18 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.

4.9.3.19 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.

4.9.3.20 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.

4.9.3.21 void PageStructureMaker::SelectFieldEnd ()

End Select Field

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

Definition at line 408 of file pagestructure.cc.

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

Select Field Start

```
----- Class: PageStructureMaker Method: PageStructureMaker :-
: SelectFieldStart\(string name\) Description: Create Select Field -----
----
```

Definition at line 395 of file pagestructure.cc.

4.9.3.23 void PageStructureMaker::SelectOptionEnd ()

Select Option End

```
----- Class: PageStructureMaker Method: PageStructureMaker :-
: SelectOptionEnd\(\) Description: Close select option -----
```

Definition at line 438 of file pagestructure.cc.

4.9.3.24 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 422 of file pagestructure.cc.

4.9.3.25 void PageStructureMaker::SetHTMLVariables ()

Assingn Values to variables

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

Definition at line 48 of file pagestructure.cc.

4.9.3.26 void PageStructureMaker::TableEnd ()

End Table

```
----- Class: PageStructureMaker Method: PageStructureMaker :-
: TableEnd\(\) Description: Close Table tag -----
```

Definition at line 266 of file pagestructure.cc.

4.9.3.27 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.

4.9.3.28 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.

4.9.4 Member Data Documentation

4.9.4.1 string PageStructureMaker::startH1 [protected]

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

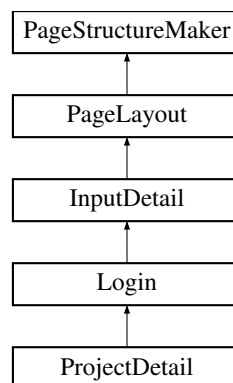
The documentation for this class was generated from the following files:

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

4.10 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string [fieldName](#), 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**

4.10.1 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.

4.10.2 Constructor & Destructor Documentation

4.10.2.1 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.

4.10.2.2 ProjectDetail::~~ProjectDetail ()

Destructor

Class: [ProjectDetail](#)

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

Description: Destuctor

 Definition at line 147 of file projectdetail.cc.

4.10.3 Member Function Documentation

4.10.3.1 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.

4.10.3.2 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.

4.10.3.3 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.

4.10.3.4 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.

4.10.3.5 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.10.3.6 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.10.3.7 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 452 of file pagestructure.cc.

4.10.3.8 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.

4.10.3.9 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.

4.10.3.10 void PageStructureMaker::DivEnd () [inherited]

End div section

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

4.10.3.11 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.

4.10.3.12 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.

4.10.3.13 void [PageStructureMaker::FormEnd](#) () [[inherited](#)]

End Form

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

4.10.3.14 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.

4.10.3.15 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.

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

Display </HEAD>

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

4.10.3.17 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.

4.10.3.18 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.

4.10.3.19 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

4.10.3.20 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.10.3.21 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

4.10.3.22 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 348 of file pagestructure.cc.

4.10.3.23 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 368 of file pagestructure.cc.

4.10.3.24 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.

4.10.3.25 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.

4.10.3.26 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.10.3.27 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.

4.10.3.28 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.

4.10.3.29 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.

4.10.3.30 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.

4.10.3.31 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.

4.10.3.32 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

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

Description: logout link

Definition at line 175 of file pagelayout.cc.

4.10.3.33 void Login::LogoutPage () [inherited]

Logout Page

Class: [Login](#)

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

Description: Logout Page

Definition at line 224 of file login.cc.

4.10.3.34 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.

4.10.3.35 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.

4.10.3.36 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.

4.10.3.37 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.

4.10.3.38 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

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

Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.10.3.40 void Login::SelectLoginDetail () [inherited]

For selecting emial 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.

4.10.3.41 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 438 of file pagestructure.cc.

4.10.3.42 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 422 of file pagestructure.cc.

4.10.3.43 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.

4.10.3.44 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.

4.10.3.45 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.

4.10.3.46 void PageStructureMaker::TableEnd () [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

4.10.3.47 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.

4.10.3.48 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.

4.10.4 Member Data Documentation

4.10.4.1 `string Login::currentDate` [protected], [inherited]

Current Date

Definition at line 46 of file login.h.

4.10.4.2 `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.

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

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

Definition at line 46 of file inputdetail.h.

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

Msg string to show error message

Definition at line 46 of file login.h.

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

password as vector variable

Definition at line 39 of file login.h.

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

Project ID

Definition at line 55 of file inputdetail.h.

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

Project Name

Definition at line 55 of file inputdetail.h.

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

For reading password

Definition at line 42 of file login.h.

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

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

4.10.4.11 `string Login::userEmailID` [protected],[inherited]

For reading emailID in text field

Definition at line 42 of file login.h.

4.10.4.12 `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

4.11 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](#)

4.11.1 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.
```

4.11.2 Constructor & Destructor Documentation

4.11.2.1 `ReadInputField::ReadInputField ()` [inline]

Constructor

Definition at line 51 of file readinputfield.h.

4.11.3 Member Function Documentation

4.11.3.1 `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`.

4.11.3.2 `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`.

4.11.4 Member Data Documentation

4.11.4.1 `form_iterator ReadInputField::fi` `[protected]`

Form Iterator

Definition at line 44 of file `readinputfield.h`.

4.11.4.2 `Cgicc ReadInputField::formData` `[protected]`

Read Form Data

Definition at line 43 of file `readinputfield.h`.

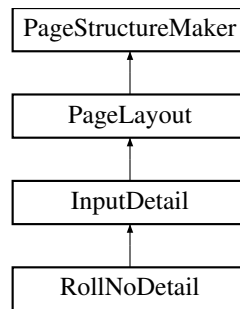
The documentation for this class was generated from the following files:

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

4.12 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)

- void [Label](#) (string forField, string [fieldName](#), 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**

4.12.1 Detailed Description

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

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

4.12.2 Constructor & Destructor Documentation

4.12.2.1 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.

4.12.3 Member Function Documentation

4.12.3.1 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.

4.12.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

4.12.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

4.12.3.4 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 452 of file pagestructure.cc.

4.12.3.5 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.

4.12.3.6 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.

4.12.3.7 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.12.3.8 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.

4.12.3.9 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.

4.12.3.10 void PageStructureMaker::FormEnd () [inherited]

End Form

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

4.12.3.11 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.

4.12.3.12 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.

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

Display </HEAD>

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

4.12.3.14 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.

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

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

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

Display <HEAD>

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

4.12.3.17 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.12.3.18 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

4.12.3.19 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 348 of file pagestructure.cc.

4.12.3.20 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 368 of file pagestructure.cc.

4.12.3.21 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.

4.12.3.22 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.

4.12.3.23 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

Class: [PageStructureMaker](#)

Method: [PageStructureMaker](#) :: Label(string forValue, string value)

Description: For adding label in html page

Definition at line 332 of file pagestructure.cc.

4.12.3.24 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.

4.12.3.25 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.

4.12.3.26 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.

4.12.3.27 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.

4.12.3.28 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

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

Description: logout link

 Definition at line 175 of file pagelayout.cc.

4.12.3.29 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.

4.12.3.30 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.

4.12.3.31 void RollNoDetail::RollNoDetailPage ()

RollNoDetailPage for getting rollnos

Class: [RollNoDetail](#)

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

Description:

 Definition at line 154 of file rollnodetail.cc.

4.12.3.32 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
 : [SelectFieldEnd\(\)](#) Description: Close select field -----
 Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.12.3.34 void PageStructureMaker::SelectOptionEnd () [inherited]

Select Option End

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

Definition at line 438 of file pagestructure.cc.

4.12.3.35 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 422 of file pagestructure.cc.

4.12.3.36 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.

4.12.3.37 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.

4.12.3.38 void RollNoDetail::SplitSubject ()

splitting subject name and subject codes

Class: [RollNoDetail](#)

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

Description: Split subjects

Definition at line 110 of file rollnodetail.cc.

4.12.3.39 `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.

4.12.3.40 `void PageStructureMaker::TableEnd ()` [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

4.12.3.41 `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.

4.12.3.42 `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.

4.12.4 Member Data Documentation

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

Email id

Definition at line 55 of file inputdetail.h.

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

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

Definition at line 46 of file inputdetail.h.

4.12.4.3 `string RollNoDetail::prefix[MIN_SIZE]` `[protected]`

for storing values of roll detail

Definition at line 37 of file rollnodetail.h.

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

Project ID

Definition at line 55 of file inputdetail.h.

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

Project Name

Definition at line 55 of file inputdetail.h.

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

Session ID

Definition at line 40 of file pagelayout.h.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file pagestructure.h.

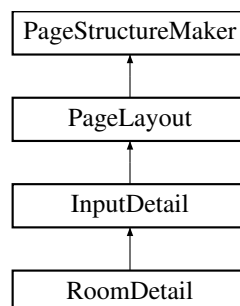
The documentation for this class was generated from the following files:

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

4.13 RoomDetail Class Reference

```
#include <roomdetail.h>
```

Inheritance diagram for RoomDetail:



Public Member Functions

- [RoomDetail](#) ()

- void [ReadRollNoDetail](#) ()
- void [ReadTotalCentre](#) ()
- void [ReadCentreDetail](#) ()
- void [ReadRoomDetail](#) ()
- void [TotalCentrePage](#) ()
- void [CentreDetailPage](#) ()
- void [RoomDetailPage](#) ()
- [~RoomDetail](#) ()
- 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, string value)
- void [InputField](#) (string type, string name, int nameNo, string value)
- void [Label](#) (string forField, string fieldName, 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 [totalRollNo](#)
- string **className** [MIN_SIZE]
- string **subjectCode** [MIN_SIZE]
- string **prefix** [MIN_SIZE]
- string **startRollNo** [MIN_SIZE]
- string **endRollNo** [MIN_SIZE]
- string **notIncluded** [MIN_SIZE]
- int **totalCentre**
- int **totalRoom** [MIN_SIZE]
- int **maxCentres**
- string **rows** [MIN_SIZE]
- string **columns** [MIN_SIZE]
- string **centreName** [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**

4.13.1 Detailed Description

Include [inputdetail.h](#) file

Class: [RoomDetail](#)

Description: For creating roondetail pages and reading rollnodetail and store then into database

Definition at line 35 of file roomdetail.h.

4.13.2 Constructor & Destructor Documentation

4.13.2.1 RoomDetail::RoomDetail ()

[RoomDetail](#) Constructor

include [roomdetail.h](#)

Class: [RoomDetail](#)

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

Description: Constructor

 Definition at line 34 of file roomdetail.cc.

4.13.2.2 RoomDetail::~~RoomDetail ()

[RoomDetail](#) Destructor

Definition at line 357 of file roomdetail.cc.

4.13.3 Member Function Documentation

4.13.3.1 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.

4.13.3.2 void PageStructureMaker::BodyEnd () [inherited]

Display </BODY>

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

Definition at line 180 of file pagestructure.cc.

4.13.3.3 void PageStructureMaker::BodyStart () [inherited]

Display <BODY>

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

Definition at line 166 of file pagestructure.cc.

4.13.3.4 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 452 of file pagestructure.cc.

4.13.3.5 void RoomDetail::CentreDetailPage ()

Centre Detail detail

Class: [RoomDetail](#)

Method: [RoomDetail](#) :: [CentreDetailPage\(\)](#)

Description: Page for getting total

Definition at line 209 of file roomdetail.cc.

4.13.3.6 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.

4.13.3.7 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.

4.13.3.8 void PageStructureMaker::DivEnd () [inherited]

End div section

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

Definition at line 209 of file pagestructure.cc.

4.13.3.9 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.

4.13.3.10 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.

4.13.3.11 void PageStructureMaker::FormEnd () [inherited]

End Form

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

Definition at line 238 of file pagestructure.cc.

4.13.3.12 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.

4.13.3.13 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.

4.13.3.14 void PageStructureMaker::HeadEnd () [inherited]

Display </HEAD>

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

Definition at line 112 of file pagestructure.cc.

4.13.3.15 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.

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

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

Definition at line 50 of file inputdetail.cc.

4.13.3.17 void PageStructureMaker::HeadStart () [inherited]

Display <HEAD>

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

Definition at line 99 of file pagestructure.cc.

4.13.3.18 void PageStructureMaker::HTMLEnd () [inherited]

Display </HTML>

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

Definition at line 86 of file pagestructure.cc.

4.13.3.19 void PageStructureMaker::HTMLStart () [inherited]

Display <HTML>

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

Definition at line 73 of file pagestructure.cc.

4.13.3.20 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 348 of file pagestructure.cc.

4.13.3.21 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 368 of file pagestructure.cc.

4.13.3.22 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.

4.13.3.23 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.

4.13.3.24 void PageStructureMaker::Label (string *forValue*, string *fieldName*, string *value*) [inherited]

Label tag

 Class: [PageStructureMaker](#)

Method: [PageStructureMaker :: Label\(string forValue, string value\)](#)

Description: For adding label in html page

 Definition at line 332 of file pagestructure.cc.

4.13.3.25 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.

4.13.3.26 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.

4.13.3.27 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.

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

Logo on Page

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

Definition at line 74 of file pagelayout.cc.

4.13.3.29 void PageLayout::LogoutLink () [inherited]

Logout link

Class: [PageLayout](#)

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

Description: logout link

Definition at line 175 of file pagelayout.cc.

4.13.3.30 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.

4.13.3.31 void RoomDetail::ReadCentreDetail ()

Reading centre details

Class: [RoomDetail](#)

Method: [RoomDetail](#) :: ReadCentreDetail()

Description: Read total rooms in each centre

Definition at line 111 of file roomdetail.cc.

4.13.3.32 void RoomDetail::ReadRollNoDetail ()

Reading RollNo detail

Class: [RoomDetail](#)

Method: [RoomDetail :: ReadRollNoDetail\(\)](#)

Description: Read roll no details given by user

Definition at line 48 of file roomdetail.cc.

4.13.3.33 void RoomDetail::ReadRoomDetail ()

Read room detail

Class: [RoomDetail](#)

Method: [RoomDetail :: ReadRoomDetail\(\)](#)

Description: Read room details like rows, columns of room

Definition at line 138 of file roomdetail.cc.

4.13.3.34 void RoomDetail::ReadTotalCentre ()

Reading total centres

Class: [RoomDetail](#)

Method: [RoomDetail :: ReadTotalCentre\(\)](#)

Description: Read total centres for examination

Definition at line 94 of file roomdetail.cc.

4.13.3.35 void RoomDetail::RoomDetailPage ()

Room detail

Class: [RoomDetail](#)

Method: [RoomDetail :: RoomDetailPage\(\)](#)

Description: Page for taking i/p from user about room details

Definition at line 286 of file roomdetail.cc.

4.13.3.36 void PageStructureMaker::SelectFieldEnd () [inherited]

End Select Field

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectFieldEnd\(\)](#) Description: Close select field -----
Definition at line 408 of file pagestructure.cc.

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

Select Field Start

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

Definition at line 395 of file pagestructure.cc.

4.13.3.38 void [PageStructureMaker::SelectOptionEnd](#) () [inherited]

Select Option End

----- Class: [PageStructureMaker](#) Method: [PageStructureMaker](#) :-
: [SelectOptionEnd\(\)](#) Description: Close select option -----
Definition at line 438 of file pagestructure.cc.

4.13.3.39 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 422 of file pagestructure.cc.

4.13.3.40 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.

4.13.3.41 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.

4.13.3.42 `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.

4.13.3.43 `void PageStructureMaker::TableEnd ()` [inherited]

End Table

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

Definition at line 266 of file pagestructure.cc.

4.13.3.44 `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.

4.13.3.45 `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.

4.13.3.46 `void RoomDetail::TotalCentrePage ()`

Total centre page

Class: [RoomDetail](#)

Method: [RoomDetail :: TotalCentrePage\(\)](#)

Description: Page for taking i/p from user -----

Definition at line 151 of file roomdetail.cc.

4.13.4 Member Data Documentation

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

Email id

Definition at line 55 of file inputdetail.h.

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

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

Definition at line 46 of file `inputdetail.h`.

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

Project ID

Definition at line 55 of file `inputdetail.h`.

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

Project Name

Definition at line 55 of file `inputdetail.h`.

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

Session ID

Definition at line 40 of file `pagelayout.h`.

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

HTML Tag Variables for td, th, bold, etc

Definition at line 37 of file `pagestructure.h`.

4.13.4.7 `int` `RoomDetail::totalRollNo` `[protected]`

Total rollno fields

Definition at line 40 of file `roomdetail.h`.

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

- `src/roomdetail.h`
- `src/roomdetail.cc`

Chapter 5

File Documentation

5.1 src/centredetail-main.cpp File Reference

Centre Detail like centre name and total rooms.

```
#include "roomdetail.h"
```

Functions

- int [main](#) (void)

5.1.1 Detailed Description

Centre Detail like centre name and total rooms.

Version

0.6

Date

Sunday 17 March 2013 11:11:53 IST Compiler gcc

Author

Mandeep Kaur, meghasimak@gmail.com License GNU General Public License

Copyright

Copyright (c) 2013, GreatDevelopers <https://github.com/GreatDevelopers>

Definition in file [centredetail-main.cpp](#).

5.1.2 Function Documentation

5.1.2.1 int main (void)

Include [roomdetail.h](#)

Main method

Definition at line 26 of file centredetail-main.cpp.

5.2 [src/roomdetail-main.cpp](#) File Reference

main method for roomdetail.html page

```
#include "roomdetail.h"
```

Functions

- int [main](#) (void)

5.2.1 Detailed Description

main method for roomdetail.html page

Version

0.6

Date

Sunday 17 March 2013 12:37:00 IST Compiler gcc

Author

Mandeep Kaur, meghasimak@gmail.com License GNU General Public License

Copyright

Copyright (c) 2013, GreatDevelopers <https://github.com/GreatDevelopers>

Definition in file [roomdetail-main.cpp](#).

5.2.2 Function Documentation

5.2.2.1 int main (void)

Include [roomdetail.h](#) file

Main method for calling RoomDetailPage() of [RoomDetail](#) Class

Definition at line 25 of file roomdetail-main.cpp.

Index

- ~ClassDetail
 - ClassDetail, [9](#)
- ~Database
 - Database, [19](#)
- ~Login
 - Login, [41](#)
- ~ProjectDetail
 - ProjectDetail, [69](#)
- ~RoomDetail
 - RoomDetail, [95](#)
- AddNewUser
 - Login, [41](#)
 - ProjectDetail, [70](#)
- AlreadyLoggedIn
 - Login, [41](#)
 - ProjectDetail, [70](#)
- Anchor
 - ClassDetail, [9](#)
 - InputDetail, [26](#)
 - Login, [42](#)
 - PageLayout, [53](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [70](#)
 - RollNoDetail, [84](#)
 - RoomDetail, [95](#)
- AuthorizeUser
 - ProjectDetail, [70](#)
- BodyEnd
 - ClassDetail, [9](#)
 - InputDetail, [26](#)
 - Login, [42](#)
 - PageLayout, [54](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [71](#)
 - RollNoDetail, [84](#)
 - RoomDetail, [95](#)
- BodyStart
 - ClassDetail, [10](#)
 - InputDetail, [26](#)
 - Login, [42](#)
 - PageLayout, [54](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [71](#)
 - RollNoDetail, [84](#)
 - RoomDetail, [95](#)
- Button
 - ClassDetail, [10](#)
 - InputDetail, [26](#)
- Login, [42](#)
- PageLayout, [54](#)
- PageStructureMaker, [62](#)
- ProjectDetail, [71](#)
- RollNoDetail, [84](#)
- RoomDetail, [95](#)
- CSS
 - ClassDetail, [10](#)
 - InputDetail, [27](#)
 - Login, [43](#)
 - PageLayout, [54](#)
 - PageStructureMaker, [62](#)
 - ProjectDetail, [71](#)
 - RollNoDetail, [85](#)
 - RoomDetail, [96](#)
- CentreDetailPage
 - RoomDetail, [96](#)
- centreName
 - InputFieldName, [35](#)
- centredetail-main.cpp
 - main, [105](#)
- ClassDetail, [7](#)
 - ~ClassDetail, [9](#)
 - Anchor, [9](#)
 - BodyEnd, [9](#)
 - BodyStart, [10](#)
 - Button, [10](#)
 - CSS, [10](#)
 - ClassDetail, [9](#)
 - ClassInfoPage, [10](#)
 - ClassDetail, [9](#)
 - ContextType, [10](#)
 - DivEnd, [10](#)
 - DivStart, [11](#)
 - emailID, [17](#)
 - fieldName, [17](#)
 - Footer, [11](#)
 - FormEnd, [11](#)
 - FormStart, [11](#)
 - HTMLEnd, [12](#)
 - HTMLStart, [12](#)
 - Head, [11](#)
 - HeadEnd, [11](#)
 - HeadStart, [12](#)
 - Header, [12](#)
 - InputField, [12](#), [13](#)
 - IntToString, [13](#)
 - Javascript, [13](#)
 - Label, [13](#)

- ListEnd, 13
- ListItem, 13
- ListStart, 14
- Logo, 14
- LogoutLink, 14
- Menu, 14
- ProjectDetail, 14
- projectId, 17
- projectName, 17
- SelectFieldEnd, 15
- SelectFieldStart, 15
- SelectOptionEnd, 15
- SelectOptionStart, 15
- sessionID, 17
- SetCookies, 15
- SetHTMLVariables, 16
- startH1, 17
- StringToInt, 16
- TableEnd, 16
- TableStart, 16
- Title, 16
- TotalClasses, 16
- totalClasses, 17
- TotalClassesPage, 17
- ClassInfoPage
 - ClassDetail, 10
- className
 - InputFieldName, 35
- columns
 - InputFieldName, 35
- connect
 - Database, 23
- ContextType
 - ClassDetail, 10
 - InputDetail, 27
 - Login, 42
 - PageLayout, 54
 - ProjectDetail, 71
 - RollNoDetail, 85
 - RoomDetail, 96
- currentDate
 - Login, 49
 - ProjectDetail, 79
- Database, 18
 - ~Database, 19
 - connect, 23
 - Database, 19
 - InsertClassDetail, 19
 - InsertExamDetail, 19
 - InsertProjectName, 20
 - InsertQuery, 20
 - InsertRollNoDetail, 20
 - InsertRoomDetail, 20
 - InsertSession, 21
 - InsertStrategy, 21
 - InsertTotalCentres, 21
 - InsertTotalClasses, 21
 - InsertTotalRooms, 22
- InsertUser, 22
- numrows, 23
- Select, 22
- SelectColumn, 22
- SelectProjectID, 23
- SelectQuery, 23
- SelectSum, 23
- tLogin, 24
- DivEnd
 - ClassDetail, 10
 - InputDetail, 27
 - Login, 43
 - PageLayout, 54
 - PageStructureMaker, 63
 - ProjectDetail, 71
 - RollNoDetail, 85
 - RoomDetail, 96
- DivStart
 - ClassDetail, 11
 - InputDetail, 27
 - Login, 43
 - PageLayout, 55
 - PageStructureMaker, 63
 - ProjectDetail, 72
 - RollNoDetail, 85
 - RoomDetail, 96
- emailID
 - ClassDetail, 17
 - InputDetail, 33
 - InputFieldName, 35
 - Login, 50
 - ProjectDetail, 79
 - RollNoDetail, 91
 - RoomDetail, 103
- endRollNo
 - InputFieldName, 35
- examDate
 - InputFieldName, 35
- examName
 - InputFieldName, 35
- examTime
 - InputFieldName, 35
- examVenue
 - InputFieldName, 36
- fi
 - ReadInputField, 81
- fieldName
 - ClassDetail, 17
 - InputDetail, 33
 - Login, 50
 - ProjectDetail, 79
 - RollNoDetail, 91
 - RoomDetail, 103
- Footer
 - ClassDetail, 11
 - InputDetail, 27
 - Login, 43

- PageLayout, [55](#)
- ProjectDetail, [72](#)
- RollNoDetail, [85](#)
- RoomDetail, [97](#)
- formData
 - ReadInputField, [81](#)
- FormEnd
 - ClassDetail, [11](#)
 - InputDetail, [27](#)
 - Login, [43](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [63](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [85](#)
 - RoomDetail, [97](#)
- FormStart
 - ClassDetail, [11](#)
 - InputDetail, [28](#)
 - Login, [43](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [63](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [86](#)
 - RoomDetail, [97](#)
- HTMLEnd
 - ClassDetail, [12](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [56](#)
 - PageStructureMaker, [63](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [86](#)
 - RoomDetail, [98](#)
- HTMLStart
 - ClassDetail, [12](#)
 - InputDetail, [29](#)
 - Login, [44](#)
 - PageLayout, [56](#)
 - PageStructureMaker, [64](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [87](#)
 - RoomDetail, [98](#)
- Head
 - ClassDetail, [11](#)
 - InputDetail, [28](#)
 - Login, [43](#)
 - PageLayout, [55](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [86](#)
 - RoomDetail, [97](#)
- HeadEnd
 - ClassDetail, [11](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [55](#)
 - PageStructureMaker, [63](#)
 - ProjectDetail, [72](#)
 - RollNoDetail, [86](#)
- RoomDetail, [97](#)
- HeadStart
 - ClassDetail, [12](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [56](#)
 - PageStructureMaker, [63](#)
 - ProjectDetail, [73](#)
 - RollNoDetail, [86](#)
 - RoomDetail, [98](#)
- Header
 - ClassDetail, [12](#)
 - InputDetail, [28](#)
 - Login, [44](#)
 - PageLayout, [56](#)
 - ProjectDetail, [72, 73](#)
 - RollNoDetail, [86](#)
 - RoomDetail, [97](#)
- InputDetail, [24](#)
 - Anchor, [26](#)
 - BodyEnd, [26](#)
 - BodyStart, [26](#)
 - Button, [26](#)
 - CSS, [27](#)
 - ContextType, [27](#)
 - DivEnd, [27](#)
 - DivStart, [27](#)
 - emailID, [33](#)
 - fieldName, [33](#)
 - Footer, [27](#)
 - FormEnd, [27](#)
 - FormStart, [28](#)
 - HTMLEnd, [28](#)
 - HTMLStart, [29](#)
 - Head, [28](#)
 - HeadEnd, [28](#)
 - HeadStart, [28](#)
 - Header, [28](#)
 - InputDetail, [26](#)
 - InputField, [29](#)
 - InputDetail, [26](#)
 - IntToString, [29](#)
 - Javascript, [29](#)
 - Label, [29](#)
 - ListEnd, [30](#)
 - ListItem, [30](#)
 - ListStart, [30](#)
 - Logo, [30](#)
 - LogoutLink, [31](#)
 - Menu, [31](#)
 - projectId, [33](#)
 - projectName, [33](#)
 - SelectFieldEnd, [31](#)
 - SelectFieldStart, [31](#)
 - SelectOptionEnd, [31](#)
 - SelectOptionStart, [31](#)
 - sessionID, [33](#)
 - SetCookies, [32](#)

- SetHTMLVariables, 32
- startH1, 33
- StringToInt, 32
- TableEnd, 32
- TableStart, 32
- Title, 32
- InputField
 - ClassDetail, 12, 13
 - InputDetail, 29
 - Login, 45
 - PageLayout, 56
 - PageStructureMaker, 64
 - ProjectDetail, 73
 - RollNoDetail, 87
 - RoomDetail, 98
- InputFieldName, 33
 - centreName, 35
 - className, 35
 - columns, 35
 - emailID, 35
 - endRollNo, 35
 - examDate, 35
 - examName, 35
 - examTime, 35
 - examVenue, 36
 - InputFieldName, 34
 - InputFieldName, 34
 - notIncluded, 36
 - password, 36
 - prefix, 36
 - projectID, 36
 - projectName, 36
 - retypePassword, 36
 - roomNo, 36
 - rows, 36
 - SetFieldNames, 35
 - startRollNo, 37
 - strategyChoice, 37
 - subjectCode, 37
 - subjectName, 37
 - totalCentres, 37
 - totalClasses, 37
 - totalRooms, 37
 - totalSubjects, 37
- InsertClassDetail
 - Database, 19
- InsertExamDetail
 - Database, 19
- InsertProjectName
 - Database, 20
- InsertQuery
 - Database, 20
- InsertRollNoDetail
 - Database, 20
- InsertRoomDetail
 - Database, 20
- InsertSession
 - Database, 21
- InsertStrategy
 - Database, 21
- InsertTotalCentres
 - Database, 21
- InsertTotalClasses
 - Database, 21
- InsertTotalRooms
 - Database, 22
- InsertUser
 - Database, 22
- IntToString
 - ClassDetail, 13
 - InputDetail, 29
 - Login, 45
 - ProjectDetail, 74
 - RollNoDetail, 87
 - RoomDetail, 98
- JavaScript, 38
 - JavaScript, 38
 - JavaScript, 38
 - OnChangeEvent, 38
 - OnFocusEvent, 38
- Javascript
 - ClassDetail, 13
 - InputDetail, 29
 - Login, 45
 - PageLayout, 57
 - PageStructureMaker, 64
 - ProjectDetail, 74
 - RollNoDetail, 87
 - RoomDetail, 99
- Label
 - ClassDetail, 13
 - InputDetail, 29
 - Login, 45
 - PageLayout, 57
 - PageStructureMaker, 64
 - ProjectDetail, 74
 - RollNoDetail, 87
 - RoomDetail, 99
- ListEnd
 - ClassDetail, 13
 - InputDetail, 30
 - Login, 45
 - PageLayout, 57
 - PageStructureMaker, 65
 - ProjectDetail, 74
 - RollNoDetail, 88
 - RoomDetail, 99
- ListItem
 - ClassDetail, 13
 - InputDetail, 30
 - Login, 46
 - PageLayout, 57
 - PageStructureMaker, 65
 - ProjectDetail, 74
 - RollNoDetail, 88

- RoomDetail, 99
- ListStart
 - ClassDetail, 14
 - InputDetail, 30
 - Login, 46
 - PageLayout, 57
 - PageStructureMaker, 65
 - ProjectDetail, 75
 - RollNoDetail, 88
 - RoomDetail, 99
- Login, 39
 - ~Login, 41
 - AddNewUser, 41
 - AlreadyLoggedIn, 41
 - Anchor, 42
 - BodyEnd, 42
 - BodyStart, 42
 - Button, 42
 - CSS, 43
 - ContextType, 42
 - currentDate, 49
 - DivEnd, 43
 - DivStart, 43
 - emailID, 50
 - fieldName, 50
 - Footer, 43
 - FormEnd, 43
 - FormStart, 43
 - HTMLEnd, 44
 - HTMLStart, 44
 - Head, 43
 - HeadEnd, 44
 - HeadStart, 44
 - Header, 44
 - InputField, 45
 - IntToString, 45
 - Javascript, 45
 - Label, 45
 - ListEnd, 45
 - ListItem, 46
 - ListStart, 46
 - Login, 41
 - LoginPage, 46
 - Logo, 46
 - LogoutLink, 46
 - LogoutPage, 47
 - Menu, 47
 - msg, 50
 - password, 50
 - projectId, 50
 - projectName, 50
 - ReadLoginDetail, 47
 - RegisterPage, 47
 - retypePassword, 50
 - SelectFieldEnd, 48
 - SelectFieldStart, 48
 - SelectLoginDetail, 48
 - SelectOptionEnd, 48
 - SelectOptionStart, 48
 - sessionID, 50
 - SetCookies, 48
 - SetHTMLVariables, 49
 - startH1, 50
 - StringToInt, 49
 - TableEnd, 49
 - TableStart, 49
 - Title, 49
 - userEmailID, 51
 - userPassword, 51
- LoginPage
 - Login, 46
 - ProjectDetail, 75
- Logo
 - ClassDetail, 14
 - InputDetail, 30
 - Login, 46
 - PageLayout, 58
 - ProjectDetail, 75
 - RollNoDetail, 88
 - RoomDetail, 100
- LogoutLink
 - ClassDetail, 14
 - InputDetail, 31
 - Login, 46
 - PageLayout, 58
 - ProjectDetail, 75
 - RollNoDetail, 89
 - RoomDetail, 100
- LogoutPage
 - Login, 47
 - ProjectDetail, 75
- MD5, 51
- main
 - centredetail-main.cpp, 105
 - roomdetail-main.cpp, 106
- Menu
 - ClassDetail, 14
 - InputDetail, 31
 - Login, 47
 - PageLayout, 58
 - ProjectDetail, 76
 - RollNoDetail, 89
 - RoomDetail, 100
- msg
 - Login, 50
 - ProjectDetail, 79
- notIncluded
 - InputFieldName, 36
- numrows
 - Database, 23
- OnChangeEvent
 - JavaScript, 38
- OnFocusEvent
 - JavaScript, 38

- PageLayout, 52
 - Anchor, 53
 - BodyEnd, 54
 - BodyStart, 54
 - Button, 54
 - CSS, 54
 - ContextType, 54
 - DivEnd, 54
 - DivStart, 55
 - Footer, 55
 - FormEnd, 55
 - FormStart, 55
 - HTMLEnd, 56
 - HTMLStart, 56
 - Head, 55
 - HeadEnd, 55
 - HeadStart, 56
 - Header, 56
 - InputField, 56
 - Javascript, 57
 - Label, 57
 - ListEnd, 57
 - ListItem, 57
 - ListStart, 57
 - Logo, 58
 - LogoutLink, 58
 - Menu, 58
 - PageLayout, 53
 - PageLayout, 53
 - SelectFieldEnd, 58
 - SelectFieldStart, 58
 - SelectOptionEnd, 59
 - SelectOptionStart, 59
 - sessionID, 60
 - SetCookies, 59
 - SetHTMLVariables, 59
 - startH1, 60
 - TableEnd, 59
 - TableStart, 59
 - Title, 60
- PageStructureMaker, 60
 - Anchor, 62
 - BodyEnd, 62
 - BodyStart, 62
 - Button, 62
 - CSS, 62
 - DivEnd, 63
 - DivStart, 63
 - FormEnd, 63
 - FormStart, 63
 - HTMLEnd, 63
 - HTMLStart, 64
 - HeadEnd, 63
 - HeadStart, 63
 - InputField, 64
 - Javascript, 64
 - Label, 64
 - ListEnd, 65
 - ListItem, 65
 - ListStart, 65
 - PageStructureMaker, 62
 - PageStructureMaker, 62
 - SelectFieldEnd, 65
 - SelectFieldStart, 65
 - SelectOptionEnd, 66
 - SelectOptionStart, 66
 - SetHTMLVariables, 66
 - startH1, 67
 - TableEnd, 66
 - TableStart, 66
 - Title, 66
- password
 - InputFieldName, 36
 - Login, 50
 - ProjectDetail, 79
- prefix
 - InputFieldName, 36
 - RollNoDetail, 91
- ProjectDetail, 67
 - ~ProjectDetail, 69
 - AddNewUser, 70
 - AlreadyLoggedIn, 70
 - Anchor, 70
 - AuthorizeUser, 70
 - BodyEnd, 71
 - BodyStart, 71
 - Button, 71
 - CSS, 71
 - ClassDetail, 14
 - ContextType, 71
 - currentDate, 79
 - DivEnd, 71
 - DivStart, 72
 - emailID, 79
 - fieldName, 79
 - Footer, 72
 - FormEnd, 72
 - FormStart, 72
 - HTMLEnd, 73
 - HTMLStart, 73
 - Head, 72
 - HeadEnd, 72
 - HeadStart, 73
 - Header, 72, 73
 - InputField, 73
 - IntToString, 74
 - Javascript, 74
 - Label, 74
 - ListEnd, 74
 - ListItem, 74
 - ListStart, 75
 - LoginPage, 75
 - Logo, 75
 - LogoutLink, 75
 - LogoutPage, 75
 - Menu, 76

- msg, 79
- password, 79
- ProjectDetail, 69
- ProjectDetailPage, 76
- projectID, 79
- projectName, 79
- ProjectDetail, 69
- ReadLoginDetail, 76
- RegisterPage, 76
- retypePassword, 79
- SelectFieldEnd, 77
- SelectFieldStart, 77
- SelectLoginDetail, 77
- SelectOptionEnd, 77
- SelectOptionStart, 77
- sessionID, 79
- SetCookies, 77
- SetHTMLVariables, 78
- startH1, 79
- StringToInt, 78
- TableEnd, 78
- TableStart, 78
- Title, 78
- userEmailID, 80
- userPassword, 80
- ProjectDetailPage
 - ProjectDetail, 76
- projectID
 - ClassDetail, 17
 - InputDetail, 33
 - InputFieldName, 36
 - Login, 50
 - ProjectDetail, 79
 - RollNoDetail, 92
 - RoomDetail, 104
- projectName
 - ClassDetail, 17
 - InputDetail, 33
 - InputFieldName, 36
 - Login, 50
 - ProjectDetail, 79
 - RollNoDetail, 92
 - RoomDetail, 104
- ReadCentreDetail
 - RoomDetail, 100
- ReadClassDetail
 - RollNoDetail, 89
- ReadFieldValue
 - ReadInputField, 81
- ReadInputField, 80
 - fi, 81
 - formData, 81
 - ReadFieldValue, 81
 - ReadInputField, 80
 - ReadInputField, 80
- ReadLoginDetail
 - Login, 47
 - ProjectDetail, 76
- ReadRollNoDetail
 - RoomDetail, 100
- ReadRoomDetail
 - RoomDetail, 101
- ReadTotalCentre
 - RoomDetail, 101
- RegisterPage
 - Login, 47
 - ProjectDetail, 76
- retypePassword
 - InputFieldName, 36
 - Login, 50
 - ProjectDetail, 79
- RollNoDetail, 81
 - Anchor, 84
 - BodyEnd, 84
 - BodyStart, 84
 - Button, 84
 - CSS, 85
 - ContextType, 85
 - DivEnd, 85
 - DivStart, 85
 - emailID, 91
 - fieldName, 91
 - Footer, 85
 - FormEnd, 85
 - FormStart, 86
 - HTMLEnd, 86
 - HTMLStart, 87
 - Head, 86
 - HeadEnd, 86
 - HeadStart, 86
 - Header, 86
 - InputField, 87
 - IntToString, 87
 - Javascript, 87
 - Label, 87
 - ListEnd, 88
 - ListItem, 88
 - ListStart, 88
 - Logo, 88
 - LogoutLink, 89
 - Menu, 89
 - prefix, 91
 - projectID, 92
 - projectName, 92
 - ReadClassDetail, 89
 - RollNoDetail, 84
 - RollNoDetailPage, 89
 - RollNoDetail, 84
 - SelectFieldEnd, 89
 - SelectFieldStart, 89
 - SelectOptionEnd, 90
 - SelectOptionStart, 90
 - sessionID, 92
 - SetCookies, 90
 - SetHTMLVariables, 90
 - SplitSubject, 90

- startH1, 92
- StringToInt, 91
- TableEnd, 91
- TableStart, 91
- Title, 91
- RollNoDetailPage
 - RollNoDetail, 89
- RoomDetail, 92
 - ~RoomDetail, 95
 - Anchor, 95
 - BodyEnd, 95
 - BodyStart, 95
 - Button, 95
 - CSS, 96
 - CentreDetailPage, 96
 - ContextType, 96
 - DivEnd, 96
 - DivStart, 96
 - emailID, 103
 - fieldName, 103
 - Footer, 97
 - FormEnd, 97
 - FormStart, 97
 - HTMLEnd, 98
 - HTMLStart, 98
 - Head, 97
 - HeadEnd, 97
 - HeadStart, 98
 - Header, 97
 - InputField, 98
 - IntToString, 98
 - Javascript, 99
 - Label, 99
 - ListEnd, 99
 - ListItem, 99
 - ListStart, 99
 - Logo, 100
 - LogoutLink, 100
 - Menu, 100
 - projectId, 104
 - projectName, 104
 - ReadCentreDetail, 100
 - ReadRollNoDetail, 100
 - ReadRoomDetail, 101
 - ReadTotalCentre, 101
 - RoomDetail, 95
 - RoomDetailPage, 101
 - RoomDetail, 95
 - SelectFieldEnd, 101
 - SelectFieldStart, 102
 - SelectOptionEnd, 102
 - SelectOptionStart, 102
 - sessionID, 104
 - SetCookies, 102
 - SetHTMLVariables, 102
 - startH1, 104
 - StringToInt, 102
 - TableEnd, 103
 - TableStart, 103
 - Title, 103
 - TotalCentrePage, 103
 - totalRollNo, 104
- RoomDetailPage
 - RoomDetail, 101
- roomNo
 - InputFieldName, 36
- roomdetail-main.cpp
 - main, 106
- rows
 - InputFieldName, 36
- Select
 - Database, 22
- SelectColumn
 - Database, 22
- SelectFieldEnd
 - ClassDetail, 15
 - InputDetail, 31
 - Login, 48
 - PageLayout, 58
 - PageStructureMaker, 65
 - ProjectDetail, 77
 - RollNoDetail, 89
 - RoomDetail, 101
- SelectFieldStart
 - ClassDetail, 15
 - InputDetail, 31
 - Login, 48
 - PageLayout, 58
 - PageStructureMaker, 65
 - ProjectDetail, 77
 - RollNoDetail, 89
 - RoomDetail, 102
- SelectLoginDetail
 - Login, 48
 - ProjectDetail, 77
- SelectOptionEnd
 - ClassDetail, 15
 - InputDetail, 31
 - Login, 48
 - PageLayout, 59
 - PageStructureMaker, 66
 - ProjectDetail, 77
 - RollNoDetail, 90
 - RoomDetail, 102
- SelectOptionStart
 - ClassDetail, 15
 - InputDetail, 31
 - Login, 48
 - PageLayout, 59
 - PageStructureMaker, 66
 - ProjectDetail, 77
 - RollNoDetail, 90
 - RoomDetail, 102
- SelectProjectID
 - Database, 23
- SelectQuery

- Database, [23](#)
- SelectSum
 - Database, [23](#)
- sessionID
 - ClassDetail, [17](#)
 - InputDetail, [33](#)
 - Login, [50](#)
 - PageLayout, [60](#)
 - ProjectDetail, [79](#)
 - RollNoDetail, [92](#)
 - RoomDetail, [104](#)
- SetCookies
 - ClassDetail, [15](#)
 - InputDetail, [32](#)
 - Login, [48](#)
 - PageLayout, [59](#)
 - ProjectDetail, [77](#)
 - RollNoDetail, [90](#)
 - RoomDetail, [102](#)
- SetFieldNames
 - InputFieldName, [35](#)
- SetHTMLVariables
 - ClassDetail, [16](#)
 - InputDetail, [32](#)
 - Login, [49](#)
 - PageLayout, [59](#)
 - PageStructureMaker, [66](#)
 - ProjectDetail, [78](#)
 - RollNoDetail, [90](#)
 - RoomDetail, [102](#)
- SplitSubject
 - RollNoDetail, [90](#)
- src/centredetail-main.cpp, [105](#)
- src/roomdetail-main.cpp, [106](#)
- startH1
 - ClassDetail, [17](#)
 - InputDetail, [33](#)
 - Login, [50](#)
 - PageLayout, [60](#)
 - PageStructureMaker, [67](#)
 - ProjectDetail, [79](#)
 - RollNoDetail, [92](#)
 - RoomDetail, [104](#)
- startRollNo
 - InputFieldName, [37](#)
- strategyChoice
 - InputFieldName, [37](#)
- StringToInt
 - ClassDetail, [16](#)
 - InputDetail, [32](#)
 - Login, [49](#)
 - ProjectDetail, [78](#)
 - RollNoDetail, [91](#)
 - RoomDetail, [102](#)
- subjectCode
 - InputFieldName, [37](#)
- subjectName
 - InputFieldName, [37](#)
- tLogin
 - Database, [24](#)
- TableEnd
 - ClassDetail, [16](#)
 - InputDetail, [32](#)
 - Login, [49](#)
 - PageLayout, [59](#)
 - PageStructureMaker, [66](#)
 - ProjectDetail, [78](#)
 - RollNoDetail, [91](#)
 - RoomDetail, [103](#)
- TableStart
 - ClassDetail, [16](#)
 - InputDetail, [32](#)
 - Login, [49](#)
 - PageLayout, [59](#)
 - PageStructureMaker, [66](#)
 - ProjectDetail, [78](#)
 - RollNoDetail, [91](#)
 - RoomDetail, [103](#)
- Title
 - ClassDetail, [16](#)
 - InputDetail, [32](#)
 - Login, [49](#)
 - PageLayout, [60](#)
 - PageStructureMaker, [66](#)
 - ProjectDetail, [78](#)
 - RollNoDetail, [91](#)
 - RoomDetail, [103](#)
- TotalCentrePage
 - RoomDetail, [103](#)
- totalCentres
 - InputFieldName, [37](#)
- TotalClasses
 - ClassDetail, [16](#)
- totalClasses
 - ClassDetail, [17](#)
 - InputFieldName, [37](#)
- TotalClassesPage
 - ClassDetail, [17](#)
- totalRollNo
 - RoomDetail, [104](#)
- totalRooms
 - InputFieldName, [37](#)
- totalSubjects
 - InputFieldName, [37](#)
- userEmailID
 - Login, [51](#)
 - ProjectDetail, [80](#)
- userPassword
 - Login, [51](#)
 - ProjectDetail, [80](#)