Inbui	lt Classes, Metl	nods and Properties					
S.N.	Class's	Method		Properties	Reason for use of	f the Class/Method/I	Properties
	Name	Name	Data Type		Properties	Method	Class
1.	ClassAward ingBody	ManageAwardingBody	int	int AwardingBodyId, String AwardingBodyName, String AwardingBodyDescription, int Mode, int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update. query will be used for saving sql queries and different query will be executed according to the value of Mode.	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in Awarding body table of database.	For database operation like insert, update and delete in the database table related to the Awarding Body.
		SelectAllAwardingBody	DataTabl e	DataTable dt, Sqlreader dr	dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of Awarding body table of database into DataTable so it can be used as data source for grid view.	

2.	ClassBatch	ManageBatch	Int	int BatchId, String BatchName, String BatchDesc, int Mode, int result, string batch	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update.  query will be used for saving sql queries and different query will be executed according to the value of Mode.	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in batch table of the database.	For database operation like insert, update and delete in the database table related to the
		SelectAllBatch	Datatable	DataTable dt, SqlReader dr	dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of batch table of database into DataTable so it can be used as data source for grid view.	
3.	ClassDataA ccess	FacultyManagement	Int	int FacultyId,string FacultyName, string FacultyDesc,int Mode, int result, string faculty	Each variable will be used as value to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in	For database operation like insert, update and delete in the database table related to the

					Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update.  query will be used for saving sql queries and different query will be	faculty table of the database.	
					executed according to the value of Mode.		
		SelectFaculties	DataTabl e	DataTable dt, SqlReader dr	dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of faculty table of database into DataTable so it can be used as data source for grid view.	
4.	ClassFeeMa	FirstYearFeeManageme nt(	Int	int FeeYearId,string FacultyName, double FirstYearAdmission, double FirstYearResource, double FirstYearRegistration, double FirstYearFirstInstallment, double FirstYearSecondInstallmen t, double FirstYearThirdInstallment, int Mode, int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in first year fee table of the database.	For database operation like insert, update and delete in the database table related to the

string Faculty, double SecondYearAdmissionFee, double SecondYearResourceFee, double SecondYearFirstInstallmentFee, double SecondYearThirdInstallmentFee, int Mode, int result, string query  string Faculty, double SecondYearResourceFee, double SecondYearFirstIng query  string Faculty, double SecondYearResourceFee, double SecondYearRegistrationFe e, double SecondYearFirstInstallmentFee, double SecondYearThirdInstallmentFee, int Mode, intresult, string query  string Faculty, double SecondYearRegistrationFee, double SecondYearFirstInstallmentFee, double SecondYearThirdInstallmentFee, int Mode, intresult, string query  string Faculty, double inserted, deleted from the table. Value of these variable will be used to count the number of rows effected after performing sql action.  Mode will be used for saving sql queries and different query will be executed according to the value of Mode.	GetAllFirstYearFeeDeta ils	DataTabl e	DataTable dt, SqlReader dr  int SecondYearFeeId,	update. query will be used for saving sql queries and different query will be executed according to the value of Mode. dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of First year fee table of database into DataTable so it can be used as data source for grid view.	For detahase
Cot All Cocond Voor Food   Doto Toble   Doto Toble dt	SecondYearFeeManage ment  GetAllSecondYearFeeD	Int	string Faculty, double SecondYearAdmissionFee, double SecondYearResourceFee, double SecondYearRegistrationFe e, double SecondYearFirstInstallmen tFee, double SecondYearSecondInstall mentFee, double SecondYearThirdInstallme ntFee, int Mode, int	used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update. query will be used for saving sql queries and different query will be executed according to	method from other class from logic layer and perform sql database action like inser, delete and update in Second year fee table of the	insert, update and delete in the database table

Т	. 11	I	C 1D 1 1	Ī	G 1 C	
	etails	e	SqlReader dr		Second year fee	
					table of database	
					into DataTable so	
					it can be used as	
					data source for	
					grid view.	
	ThirdYearFeeManagem	Int	int ThirdYearFeeId, string	Each variable will be	1 Parameter can be	For database
	ent		Faculty, double	used as values to be	passed to this	operation like
			ThirdYearAdmissionFee,	inserted, deleted from the	method from other	insert, update and
			double	table. Value of these	class from logic	delete in the
			ThirdYearResourceFee,	variable will be	layer and perform	database table
			double	according to value	sql database action	related to the
			ThirdYearRegistrationFee,	parameterized by logic	like inser, delete	
			double	class.	and update in	
			ThirdYearFirstInstallmentF	Result will be used to	Third year fee	
			ee, double	count the number of rows	table of the	
			ThirdYearSecondInstallme	effected after performing	database.	
			ntFee, double	sql action.		
			ThirdYearThirdInstallment	Mode will be used for		
			Fee, int Mode, int	selecting the action		
			result, string query	between insert, delete or		
			resurt, suring query	update.		
				query will be used for		
				saving sql queries and		
				different query will be		
				executed according to		
				the value of Mode.		
ŀ	GetAllThirdYearFeeDet	DataTabl	DataTable dt,	dr will be used for	load data of Third	
	ails		<u> </u>			
	ans	e	SqlReader dr	loading data in dt datatable. This table will	year fee table of database into	
				be used as source for grid	DataTable so it	
				view and combo boxes.	can be used as data	
					source for grid	
					view.	
	GetFirstYearFeeDetails	DataTabl	String Facutly	dr will be used for		

		ByFaculty  GetSecondYearFeeDetai	e DataTabl	DataTable dt, SqlReader dr  String Facutly	loading data in dt datatable. This table will be used as source for grid view and combo boxes. dr will be used for		
		lsByFaculty	e e	DataTable dt, SqlReader dr	loading data in dt datatable. This table will be used as source for grid view and combo boxes.		
		GetThirdYearFeeDetails ByFaculty	DataTabl e	String Facutly DataTable dt, SqlReader dr	dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.		
9.	ClassDataB aseConnecti on	DbConnection	string		Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update.  query will be used for saving sql queries and different query will be executed according to the value of Mode.	This will be used for maintaining data connection with the database and application and generate data connection string. This method will be called to establish database connection.	

10.	ClassFeeTra	FeePayment	Int	int PaymentId, String StudentCode, String Faculty, String YearForPayment, double ScholarshipPercentage, double AnnualDiscount, double SpecialDiscount, double TaxDiscount, double MOERegistration, double TotalAmount, double TotalPaidAmount, double DueAmount,int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update. query will be used for saving sql queries and different query will be	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in Fee payment table of the d tabase.	For database operation like insert, update and delete in the database table related to the
		GetAllFeePaidDetails	DataTabl e	DataTable dt, SqlReader dr	executed according to the value of Mode.  dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of Feepayment table of database into DataTable so it can be used as data source for grid view.	
11.	ClassInquiry	NewInquiry	Int	int StudentId, String StudentName, String Address, String Contact, String InterestedProgram, DateTime VisitedDate, int Mode, int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete	For database operation like insert, update and delete in the database table related to the

		GetAllInquiry	DataTabl	DataTable dt,	class. Result will be used to count the number of rows effected after performing sql action. Mode will be used for selecting the action between insert, delete or update. query will be used for saving sql queries and different query will be executed according to the value of Mode. dr will be used for	and update in inquiry table of the database.	
		GetAllInquiry	e e	Data Table dt, SqlReader dr	loading data in dt datatable. This table will be used as source for grid view and combo boxes.	inquiry table of database into DataTable so it can be used as data source for grid view.	
12.	ManageRole	ManageRole	int	int RoleId, String RoleName, String RoleDesc, int Mode, int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action	load data of role table of database into DataTable so it can be used as data source for grid view.	

		GetAllRoles	DataTabl		between insert, delete or update. query will be used for saving sql queries and different query will be executed according to the value of Mode. dr will be used for	load data of role	
			e		loading data in dt datatable. This table will be used as source for grid view and combo boxes.	table of database into DataTable so it can be used as data source for grid view.	
13.	ClassUserM anagement		Int	int UserId, String RoleName, String UserName, String Password, String UserDesc, int Mode, int result, string query	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update.  query will be used for saving sql queries and different query will be executed according to the value of Mode.	Parameter can be passed to this method from other class from logic layer and perform sql database action like inser, delete and update in user table of the database.	For database operation like insert, update and delete in the database table related to the
		SelectAllUsers	DataTabl	DataTable dt,		load data of user	

			e	SqlReader dr		table of database database into DataTable so it can be used as data source for grid view.	
14.	ClassStuden tManageme nt	SelectStudentByCode	Int	int StudentId, String Faculty, String BatchNumber, String AwardingBody, String Semester, String StudentName, String DateOfBirth, String Gender, String Address, String Contact, String GuardianName, String GuardianAddress, String GuardianContact, String Status, int Mode, int result, string query StudentCode	Each variable will be used as values to be inserted, deleted from the table. Value of these variable will be according to value parameterized by logic class.  Result will be used to count the number of rows effected after performing sql action.  Mode will be used for selecting the action between insert, delete or update.		For database operation like insert, update and delete in the database table related to the
					query will be used for saving sql queries and different query will be executed according to the value of Mode.		
		SelectAllStudents	DataTabl e	DataTable dt, SqlReader dr	dr will be used for loading data in dt datatable. This table will be used as source for grid view and combo boxes.	load data of student table of database into DataTable so it can be used as data source for grid view.	
15.	BusinessLo	FacultyManagement		int FacultyId, string	Each variable will be	Parameter can be	For database

gicClass			FacultyName, string FacultyDesc, int Mode, int rs, bool result	used as values to be parameterize to data access class. Value of these variables will be according to value of	passed to this method from other class to make necessary validation and take	operation validation like if insert, update and delete really took place or not in
				related text boxes in user presenation layer.	input from user layer related to Faculty.	faculty table of the database.
	ManageBatch	bool	int BatchId, String BatchName, String BatchDesc, int Mode, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to Batch.	For database operation validation like if insert, update and delete really took place or not in batch table of the database.
	ManageRole	bool	int RoleId, String RoleName, String RoleDesc, int Mode, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to Role.	For database operation validation like if insert, update and delete really took place or not in Role table of the database.
	ManageUser	bool	int UserId, String RoleName, String UserName, String Password, String UserDesc,, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to User.	For database operation validation like if insert, update and delete really took place or not in user table of the database.

ManageAwardingBody	bool	, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to AwardingBody.	For database operation validation like if insert, update and delete really took place or not in awarding body table of the database.
ManageStudent	bool	int StudentId, String Faculty, String BatchNumber, String AwardingBody, String Semester, String StudentName, String DateOfBirth, String Gender, String Address, String Contact, String GuardianName, String GuardianAddress, String GuardianContact, String Status, int Mode,, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to Student.	For database operation validation like if insert, update and delete really took place or not in managestudent table of the database.
FirstYearFeeManageme nt	bool	int FeeYearId,string FacultyName, double FirstYearAdmission, double FirstYearResource, double FirstYearRegistration, double FirstYearFirstInstallment, double FirstYearSecondInstallmen t, double	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to FirstYearfee.	For database operation validation like if insert, update and delete really took place or not in First year management table of the database.

		FirstYearThirdInstallment,			
SecondearFeeManagem	bool	int Mode, int rs, bool result int SecondYearFeeId,	Each variable will be	Parameter can be	For database
ent	0001	string Faculty, double	used as values to be	passed to this	operation
		SecondYearAdmissionFee,	parameterize to data	method from other	validation like if
		double	access class. Value of	class to make	insert, update and
		SecondYearResourceFee,	these variables will be	necessary	delete really took
		double	according to value of	validation and take	place or not in
		SecondYearRegistrationFe e. double	related text boxes in user	input from user	Second year
		e, double SecondYearFirstInstallmen	presenation layer.	layer related to Second year Fee.	management table of the
		tFee, double		Second year ree.	database.
		SecondYearSecondInstall			database.
		mentFee, double			
		SecondYearThirdInstallme			
		ntFee, int Mode, int			
		rs, bool result			
ThirdYearManagement	bool	int ThirdYearFeeId, string	Each variable will be	Parameter can be	For database
		Faculty, double	used as values to be	passed to this	operation
		ThirdYearAdmissionFee, double	parameterize to data access class. Value of	method from other class to make	validation like if
		ThirdYearResourceFee,	these variables will be	necessary	insert, update and delete really took
		double	according to value of	validation and take	place or not in
		ThirdYearRegistrationFee,	related text boxes in user	input from user	third year
		double	presenation layer.	layer related to	management
		ThirdYearFirstInstallmentF		Third year fee.	table of the
		ee, double			database.
		ThirdYearSecondInstallme			
		ntFee, double			
		ThirdYearThirdInstallment			
		Fee, int Mode, int rs,			
E.B.	1 1	bool result	E 1 '11 '111	D 1	T. 1 . 1
FeePayment	bool	int PaymentId, String	Each variable will be	Parameter can be	For database
		StudentCode, String	used as values to be	passed to this method from other	operation validation like if
		Faculty, String	parameterize to data	method from other	vanuation like 11

		YearForPayment, double ScholarshipPercentage, double AnnualDiscount, double SpecialDiscount, double TaxDiscount, double MOERegistration, double TotalAmount, double TotalPaidAmount, double DueAmount, int rs, bool result	access class. Value of these variables will be according to value of related text boxes in user presenation layer.	class to make necessary validation and take input from user layer related to Fee Payment.	insert, update and delete really took place or not in FeePayment Table of the database.
NewInquiry	bool	int StudentId, String StudentName, String Address, String Contact, String InterestedProgram, DateTime VisitedDate, int rs, bool result	Each variable will be used as values to be parameterize to data access class. Value of these variables will be according to value of related text boxes in user presenation layer.	Parameter can be passed to this method from other class to make necessary validation and take input from user layer related to New Inquiry.	For database operation validation like if insert, update and delete really took place or not in inquiry Table of the database.