Class ImportMethods

This class contains some useful utility methods to support the ImportData class.

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Inheritance

- System.Object
  - ImportMethods

Inherited Members

System.Object.Equals(System.Object)
System.Object.Equals(System.Object, System.Object)
System.Object.GetHashCode()
System.Object.GetType()
System.Object.MemberwiseClone()
System.Object.ReferenceEquals(System.Object, System.Object)
System.Object.ToString()

Namespace: SchoolReportSystem.utility

Assembly: SchoolReportSystem.dll

Syntax

```
public static class ImportMethods
```

Methods

CapitaliseAlphaNumeric(String)

This method returns a single 'alphanumeric' string into capital case by capitalising each letter.

Declaration

```
public static string CapitaliseAlphaNumeric(string s)
```

Parameters

Type	Name	Description
System.String	*s*	The alphanumeric string to have each letter capitalised.

Returns

Type	Description
System.String	The alphanumeric string has each letter capitalised and any leading/trailing whitespaces are removed.

CapitaliseFirstLetter(String, Boolean)

This method returns a single word string into capital case by capitalising the first letter of the word.

Declaration

```
public static string CapitaliseFirstLetter(string s, bool special)
```

Parameters

Type	Name	Description
System.String	*s*	The string to have the first letter capitalised.
System.Boolean	*special*	A true/false value dependant on whether there are special characters in the string or not.

Returns

Type	Description
System.String	The string has the first letter capitalised and any leading/trailing whitespaces are removed.

CheckNoSubjectsForYear(Int32)

This useful method returns the correct number of subjects for an academic year.

Declaration

```
public static int CheckNoSubjectsForYear(int year)
```

Parameters

Type	Name	Description
System.Int32	*year*	The school year.

Returns

Type	Description
System.Int32	The total number of subjects for that year.

CheckSubjectIDForStudent(Int32, String)

This method checks whether the subject ID is applicable for a student, dependant of what year they are in.

Declaration

```
public static bool CheckSubjectIDForStudent(int year, string subjectID)
```

Parameters

Type	Name	Description
System.Int32	*year*	The student's current year.
System.String	*subjectID*	The subject's ID.

Returns

Type	Description
System.Boolean	A boolean true/false is returned, which depends on the subject ID value being applicable to the student's year or not

ShortenSubjectName(String)

This method returns a shortened variant of the string representing the subject name.

Declaration

```
public static string ShortenSubjectName(string subjectName)
```

Parameters

Type	Name	Description
System.String	*subjectName*	The subject name to be shortened.

Returns

Type	Description
System.String	The subject name is abbreviated, depending on certain conditions.

StoreStudentDetails(AcademicYear, String[])

This method stores valid student data into a Student object, which is then stored within the AcademicYear object.

Declaration

```
public static void StoreStudentDetails(AcademicYear ay, string[] array)
```

Parameters

Type	Name	Description
AcademicYear	*ay*	The AcademicYear object to have a student added to it.
System.String[]	*array*	The array, representing items on a line of the raw data text file.

StoreSubjectDetails(Student, String[])

This method stores valid subject data into a Subject object, which is then stored within the Student object.

Declaration

```
public static void StoreSubjectDetails(Student sd, string[] array)
```

Parameters

Type	Name	Description
Student	*sd*	The Student object to have a subject added to it.
System.String[]	*array*	The array, representing items on a line of the raw data text file.