

javadoc

Class Deliverable

java.lang.Object
javadoc.Deliverable

```
public abstract class Deliverable
extends java.lang.Object
```

Class Deliverable contains all the methods needed to generate a new deliverable for a student Allows user to edit, update, and access deliverable names, types and grade weight/grade

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Constructor Summary

Constructors

Constructor and Description
Deliverable (java.lang.String name, java.lang.String type, double weight) Constructor

Method Summary

Methods

Modifier and Type	Method and Description
double	getGrade () getGrade returns the grade stored for the current student/deliverable
java.lang.String	getName () getName returns the name of the current deliverable
java.lang.String	getType () getType returns the type of the current deliverable
double	getWeight () getWeight returns the percentage of final mark current deliverable is worth
void	setGrade (double grade) setGrade sets the grade for the student for current deliverable
void	setName (java.lang.String name) setName sets the name of the current deliverable to given name

void	setType (java.lang.String type) setType sets the type of the current deliverable to given type
void	setWeight (double weight) setWeight sets the weight of the current deliverable to given weight

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Deliverable

```
public Deliverable(java.lang.String name,  
                  java.lang.String type,  
                  double weight)
```

Constructor

Parameters:

name - the deliverable name
type - the type of the deliverable (Assignment, Exam)
weight - the grade weight of the deliverable

Throws:

main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException

Method Detail

getGrade

```
public double getGrade()
```

getGrade returns the grade stored for the current student/deliverable

Parameters:

grade - return the grade

getName

```
public java.lang.String getName()
```

getName returns the name of the current deliverable

Returns:

the name

getType

```
public java.lang.String getType()
```

getType returns the type of the current deliverable

Returns:

the type

getWeight

```
public double getWeight()
```

getWeight returns the percentage of final mark current deliverable is worth

Returns:

the weight

setGrade

```
public void setGrade(double grade)
```

setGrade sets the grade for the student for current deliverable

Parameters:

name - the grade to set

setName

```
public void setName(java.lang.String name)
                    throws main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException
```

setName sets the name of the current deliverable to given name

Parameters:

name - the name to set

Throws:

main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException

setType

```
public void setType(java.lang.String type)
    throws main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException
```

setType sets the type of the current deliverable to given type

Parameters:

type - the type to set

Throws:

main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException

setWeight

```
public void setWeight(double weight)
    throws main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException
```

setWeight sets the weight of the current deliverable to given weight

Parameters:

weight - the weight to set

Throws:

main.java.ca.uwo.csd.cs2212.team9.InvalidInfoException

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