UML Diagram of Measurer Interface and Related Classes

Figure 2 UML Diagram of the DataSet Class and the Measurer Interface

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- You can convert from a class type to an interface type, provided the class implements the interface.
- Method calls on an interface reference are polymorphic. The appropriate method is determined at run time.
- You need a cast to convert from an interface type to a class type.
- Implement the Comparable interface so that objects of your class can be compared,
 - for example, in a sort method.
 - User-interface events include key

presses, mouse moves, button clicks, menu selections, and so on.

- An event listener belongs to a class that is provided by the application program- mer. Its methods describe the actions to be taken when an event occurs.
- Event sources report on events. When an event occurs, the event source notifies all event listeners.
- Use JButton components for buttons. Attach an ActionListener to each button.
- Methods of an inner class can access local and instance variables from the surrounding scope.
- Local variables that are accessed by an inner class method must not change after they have been initialized.
- A mock object provides the same services as another object, but in a simplified manner.
- Both the mock class and the actual class implement the same interfa

Implementing an Interface Type

- A variable of type Measurable holds a reference to an object of some class that
 implements the Measurable interface.
- Country class can also implement the Measurable interface

EXAMPLE CODE : public interface Named { String getName();