**CLASS:** BoardError

**IMPLEMENTATION**

**INHERITS**

None

**USES**

java.util.ArrayList, Piece

**VARIABLES**

errType : int

*Error status associated with current instance*

*{ 0 (default) : no error, 1: overlapping pieces, 2: too many pieces of either or both colours }*

pieces : ArrayList<Piece>

The collection of offending pieces

errorStates : ArrayList<BoardError>

**ACCESS** **PROGRAMS**

BoardError (t : integer; pcs : ArrayList<Piece>) : BoardError

*Constructs an instance of a board error with type t and Pieces ps*

getType ( ) : int

*Returns the error type of the instance of BoardError*

getPieces ( ) : ArrayList<Piece>

*Returns the pieces in the BoardError*

getErrors ( ) : ArrayList<BoardError>

*Returns the list of all BoardError instances*

**RESTRICTIONS**

*This module is necessary for returning details about illegal board configurations*.