**Battleship Game**

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**BSc (Hons) Computer Science**

**Second Assignment for Advanced Programming**

This is an interactive game created in Java, called Battleship. This game is a two-player game, using client server.

**Running (BattleshipGameJava is the right file with the right executable game.) –** The Complex Project is another Java Battleship Game, but couldn’t manage to make it work, but it has the “Play with PC” mode.

To run the game, the user should execute the ant file, otherwise the file could be run as a Java Application in Java’s console.

**Additional Information**

The game presents:

* Graphics;
* Sound;
* Easy Access and friendly interface;

All the UML Diagrams can be very well observed by zooming them.

**UML Case Diagram**

A close up of a map

Description automatically generated

**UML Sequence Diagrams for Battleship Game in Java**

**Player type**

A close up of a map

Description automatically generated

**Parameters**

**Host parameters**

A close up of a map

Description automatically generated

* *Write the server’s parameters;*
* *Create and run the server;*
* *Waiting guest;*
* *Sending game parameters;*
* *View Display;*

**Guest parameters**

A close up of text on a white background

Description automatically generated

* *Writing server parameters;*
* *Reception of game parameters;*
* *View Display;*
* *Fleet positioning*

**Display**

A close up of a map

Description automatically generated