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CP2406 – Programming 2 Assignment 1

Java – Lightcycles

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# User Stories & Testing

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| --- | --- |
| 1 - As a developer, I need to players to be able to enter their name so that they can be identified in the game  (Priority: High)  Completed: Yes)   * Entering players name * Confirms name has been entered | Testing code:  Testing output: |
| 2 - As a developer, I need to be able to enter more than 1 players name so that more players are able to play the game  (Priority: High)  Completed: Yes)   * Entering players name * Confirms name has been entered   Confirms names stored to the array | Testing code:  Testing output: |
| 3 - As a developer, I want to implement leader boards so that payers can see how they rank  (Priority: Medium)  Completed: Yes)   * Testing with multiple score on leader board * Leader board output | Initial Testing Code  Initial Testing Output  Initial Testing Code  Initial Testing Output |
| - As a player, I need to be able to move my character so that I’m able to play the game  (Priority: Low)  Completed: No) |  |
| - As a developer, I want to have bikes leave a trail behind as it is a core fundamental feature to the game  (Priority: Low)  Completed: No) |  |

# Spike User Stories

|  |  |
| --- | --- |
| - As a developer, I want to implement a UDP server so that there can be multiple players  (Priority: Low)  Completed: No) | * Requires more knowledge about java than I currently know * Need to learn more about UDP broadcasting |
| - As a developer, I want to implement a UDP client so that there can be multiple players  (Priority: Low)  Completed: No) | * Requires more knowledge about java than I currently know * Need to learn more about UDP broadcasting and connecting clients to a server |

UML Class Diagram

