

Test Cases to use in XLPOOLsion

The Test Cases that are expected to be implemented in this project are the following:

- Server-side Tests:
 - Verify if the player moves in the correct directions
 - Verify if a Player can place a bomb in its current position
 - Verify if when a Player collides with an explosion he dies
 - Test if a box is destroyed if an explosion is in its boundaries
 - Verify if a Player without the BombKicking powerUp cannot move if he is colliding with a bomb
 - Verify if a Player with the BombKicking powerUp can kick the bomb if he collides with it
 - Test if the game ends if only 1 player is alive
 - Test if the bomb explodes after a certain time
 - Test if the bomb radius increases after collecting certain powerUps
 - Test if the limit of bombs is respected when attempting to place another bomb
- Client-side Tests:
 - Check if the client was able to connect successfully
 - Check if all commands (Move Up, Down, Place Bomb) are sent to the server
 - Test state changes by spoofing the sending of specific messages to the client (without needing communication, by directly routing the messages)