Software Requirements Specification (SRS)

# Product description

ClinkClank (1) is a game that helps players to enhance their knowledge, practising and refreshing calculations.

The game presents numbers that the user can input from 0 to 100 and provides feedback if a number is divisible by 6 or 8, and numbers that are multiples of 6 and 8.

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# User characteristics

The game is aimed at anyone with basic numerical proficiency and needs help improving mental numeric agility.

The user should have basic computer literacy knowledge as the use of keyboard, browser, and internet connection is needed.

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# Operational scenarios

We expect to have various level of users:

1. One-time users - they just want to try the game.
2. Sporadic users - they will play the game from time to time to try their knowledge and have fun.
3. Frequent users - they will use the game to become more numerical proficient and improve their agility.

# Functional requirements

The main functions the system must perform are:

1. To provide whole numbers only.
2. To deliver a message for the number divisible by 6 or 8 and are multiples of both.
3. To provide the list of numbers and the message when appropriate.

### Non-functional requirements

Describe the non-functional requirements:

* Security - The user is not able to change or the code
* Performance - the operations will not take more than 2 seconds to display.
* Usability - the game will be easy to use and be displayed on the user’s screen depending on the user's inputs.