**Software Requirement Specification**

**Title:**

**Implement calculator (64 bit multiplication) using concurrent lisp.**

**Problem Statement:**

**Create a program to implement calculator for performing 64 bit multiplication operation using concurrent LISP.**

**Scope:**

The “calculator” basically performs arithmetic, Trigonometric, number comparison operation. The input is accepted from user and it should of 64-bit. The program is implemented using concurrent lisp programming thus, program performs the required operation concurrently.

**Functional Requirement:**

1. Perform Arithmetic operation including addition, subtraction, multiplication, division by accepting two number as input from user.
2. To determine minimum and maximum of the two numbers taken as input from user.
3. Perform Trigonometric operation including sine, cosine, tan of a number accepting the number as input from user.

**Non-Functional Requirement:**

1. Program’s Output response time with respect to the given input.
2. Output’s accuracy.
3. User friendly interface.

**Constraint:**

1. Input given should be in binary format.
2. For sine and cosine, number should be from -1 to 1

**Conclusion:**

Thus, we successfully created SRS document for calculator (64 bit multiplication) using concurrent lisp.