**Project Plan**

**Background**

We aim to develop a library to solve specific problems related to searching, ranking, etc. In the context of this project, one API will be developed.

**Customer**

Worldwide customer

**Input**

1. Development environment (Visual Studio Express 2010)
2. Test cases

**Output**

1. Source code
2. Design document
3. Test result
4. Quality requirement

No fail case detected during Acceptance Test.

**Functions required**

1. Read input (a series of number) from keyboard, maximum 10 numbers
2. Determine the sum of all inputs
3. Determine the minimum difference between 2 sub-groups of this series
4. Determine the number at which the above minimum difference is reached

**Schedule**

10 Oct 2016 – 17 Oct 2016

**Investment**

2 head-counts