**Project Planning**

**Budget:** ~$624,000

**Time:** ~2670 hours

**Start date:** January 10, 2017

**End date:** January 28, 2019

**Specifications:** 3

**Strategy:** Iterative, Spiral

**Estimations**

* Time estimation:

Best Average Worst

( 1600\*1 + 2400\*2 + 3200\*3 ) / 6

= 2666.66 hours

* Budget estimation:

→ Total Budget = data cost per unit \* 500,000,000 records + service fee

+ other hardware necessities

* Data cost per unit = 50 Kb ( average document ) \* 500,000,000 records

→ 25 billion Kb = 25 Tb + allowance of 100 Tb = 125 Tb

→ 1 Gb = 15¢, 1000 Gb \* 15¢ = 1 Tb = $150/month

= 125 Tb \* $150/month

= $18,750/month

* Service fee = specifications \* estimated time \* hourly wage

= ( 3 \* (2700 \* 50) )

= $405,000

* Other hardware necessities = ~$200,000

= Total Budget = $18,750 + $405,000 + $200,000

= $623,750