**Requirement analysis:**

**Problem Statement –**

The salary and tax calculator is a prototype that calculates your in hand salary. It is a total salary an employee receives after all the tax deductions. The salary calculator consists of a functional box where you enter the cost to company(CTC) and the bonus included in the CTC. The salary calculator will show you the deductions such the employer and the employee provident fund, professional tax and the in hand salary.

**High Level Requirement –**

**Business Strategy –**

The project focusses on the calculation of the salary and the income tax they have to pay according to their annual income.

**User Strategy –**

The user will be able to find their in hand salary of a month as well as the tax they have to pay annually.

Input-

* The user has to input his/her annual salary.
* Employee also needs to enter his name.
* The user has to enter the organization’s name and the email id.
* The user has to enter the bonus amount.

**System Strategy-**

To calculate the in hand salary the employee must enter the cost to company and the bonus if any as a fixed amount or a percentage of the CTC. For example – your CTC is 6 Lakhs , the employer gives you a bonus of 50,000 Rupees for the year. Your total gross salary will be 6,00,000- 50,000 = 550000(The bonus must be deducted from CTC). The calculator then deducts the professional tax of RS 2400 annually . The calculator then subtracts the contribution of the employee towards the employee provident fund(EPF).

Total deductions = Professional tax + EPF(Employee contribution)

Output-

* The user will get the amount of tax employee has to pay annually.
* The program will display the in hand monthly salary.
* The program will also display PF of the individual.
* The program will also display the professional tax given by employee.

**Low level Requirement-**

**Current Resources (Hardware)-**

Processor: 2.5 GHz

Network connection: a wireless adapter (Wi-Fi)

Hard Drive: 512 GB

(Minimum) RAM Required: 4 GB

Current Resources (Software)-

Visual Code (For coding purpose),

C++,

Microsoft Word.

GitHub Desktop (To share files among team members),GitBash.

OS Specification- Windows 10