Software Engineering and Project Management – Assignment -1

Prepare a problem statement on the basis of strategies adopted for requirement collection. For collection of requirements, the group shall personally or virtually interact with identified users / client and prepare draft of requirement document

Group No - 5

Group Members –

Shaunak Khatavkar – 28

Aditya Sodani – 3

Aishwarya Shahane –4

Akash Shirude –6

Kirti Alkari –30

Client Name – Mr. Ravindra Shirude

Name of organization – Newspaper Agency

Introduction-

We scheduled our meeting with the client on **23th of Feb at 7 p.m.**

First, we introduced ourselves and asked our client to introduce himself and tell us something about his organization.

He started from scratch in 1984 as a small side business and now his whole family runs it providing means of living to 6 other employees.

During the early stages of the business, they only provided 4 types of newspapers to their customers and after all their efforts now they give their customer a tremendous variety of 70 newspapers and magazines having 27 types of newspapers including marathi, Hindi, Gujarati, Tamil, and 7 English newspapers.

Requirements of client and Problems in Current System –

The meeting with client was done **on 28 February 2021 at 7.00 pm through Google Meet**. The client owns a news paper agency in Nashik and is in need of a software to solve his problems. Firstly we gave our introduction and why basically we were conducting this meet. Thereafter we asked **Mr.Shirude** to introduce himself and give some information about his organization. In the meeting we found out about the problems that are faced by him and even other News Paper agencies. The problems faced by current system is the amount of time required during manual billing process.

Mr. Shirude finds billing of every customer quite a difficult and time-consuming task. It will be of great interest if someone creates software and digitalizes all the billing part says Mr. Shirude.

Thereafter we asked our queries from our side and the *problems faced by current system* are listed down below:

Firstly we came to know that he faced trouble while billing because it took a lot of his time. It takes approximately 15-20 minutes for billing of one customer.

There were a lot of customers who had 2-3 different kinds of newspapers they had enrolled for and the price of every newspaper differed For example Lokamt costs Rs. 3/day on Sunday it costs Rs. 5 , The Hindu costs 10 every day but on Sunday its Rs. 15

Price differs from paper to paper thus it should be a dynamic software because, in the end, it's completely companies decision regarding prices our job is only selling newspapers.

The prices of newspapers are different at weekends. Some customers have memberships of various newspapers and magazines. All above must be taken into consideration. During the billing process, there are different prices for different newspapers so if a software contains properly fed details which can get compiled while creating the billing statement of the customer and will consume very little time

Another problem is the customer payments. Many costumers do not pay the bills. Often a lot of mistakes are made during manual billing process. Client wants a reminder to be generated and sent to customers every month.

Problem Statement –

Mr.Shirude owns a Newspaper Agency. He has to do customer billing manually. The current manual system is very time consuming and error prone. He is need of a software/system which will generate bills for him. This software will be used by Mr.Shirude and his trusted employees on an Office Computer.

Conclusion-

Considering all the details provided by Mr. Shirude we can claim that the only issue he has to deal with is regarding the billing processes to be made automated by software. It was a pretty informative meet where we learned about all the problems newspaper vendors have to face, All in all, we had a very good experience and learned a lot. We look forward to meeting with the client with many doubts, answers and a lot of interactive sessions.