[Software Engineering Fundament]

[Green Pastures Case Study]

[Ujjwal Poudel]

[Section-2, ID: 301284284]

**A. Of the five possible information system components discussed in class (hardware,  
software, data, procedures, and people), one component needed at Green Pastures was  
missing from the new billing system developed by K. Which component was missing?**

Out of the five possible information system components discussed in class, the one component needed at Green Pastures in the new billing system developed by K. was procedure. K. did every task however failed to plan the project.

**B. With regard to the answer to part A., what was the result of missing that component?**

The result of missing the panning component was the errors in the new billing system with had incorrect banking statements, which Green Pastures faced after the quick launch of the software. Moreover, they had to redo every things manually to solve.

**C. Identify at least four (4) specific things that contributed to the problems with the new  
system.**

There are different things that contributed to the problems with the new system. The main ones are lack of planning, lack of project documentation, no communication with other team member, no testing of new software and so on.

**D. What responsibility, if any, does K. have for the problems with the new billing system?**

Some of the responsibility K. have problems with the new billing system are, working in team by retesting the software, pointing out bugs and errors, noting the vulnerability of the systems, adapting the new program which will recover all the previous failures, launch the beta version of software for client testing and fix the upcoming minor errors with launching the software in prior.

**E. What responsibility, if any, does Green Pastures have for the problems with the new  
billing system?**

Green Pastures must assign the project to the new team which will be led by K.. Furthermore, they should note the customer complaints and convey towards the software development team to solve and program in the new software.