**Milestone II**

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Shila Cole, the System Analyst, has four main functions throughout the project. From the launch of the assignment, Shila is responsible for assessing and managing risks. In this stage, she observes tasks set forth by other team members. She documents and foresees if any of their decision affect other sectors of the project. Her second responsibility is to create a defined test plan for all the system components. This means that she will take concepts and plan and develop a plan to test different variables. Conjunctively, she will be developing the test plan along with team members who continue to work on the code and interfaces for the application. Shila’s third duty is to work alongside of Ana and John to execute her developed test plan. They will test multiple variables to ensure proper application execution. Her fourth duty is to ensure integration testing for the front, back, and web components of the entire application. She will work along John and Ana once again to ensure that all parts of the applications communicate properly.

Shila’s responsibility of assessing risks begins once the project charter is approved. She automatically begins this task on January 16th and up until February 23rd, which is the end of the project. On January 30th until January 31st, she will begin her second duty which is to create a test plan for the components of the application. This duty depends on the completion of a Gantt Chart, along with designs, concepts, and a mock-up version of the application created by Ana and John. This task requires concepts she can test or then she wouldn’t know what to test. Her third duty of testing scenarios and variables is from February 6h until February 10th. This task depends on the creation of the Test plans, GUI, back-end code, and web code by the other team members. She requires the other’s team member's code to perform her tests. Her fourth task of integration testing runs from February 13th to February 17th. She can only perform this once all the team members have completed their codes.

With the request and funding for an additional element, a hover help desk assistant will be designed and integrated into the project. This addition will assist the user in navigating and utilizing the application. Integrating the feature will reduce in-call assistance and better serve the users. This addition alters the project by changing the cost, time, and scope. It changes the cost regarding utilizing the team members for longer for the development of the feature. We now must pay beyond what was forecasted, although it has been approved. There is also a chance that overtime may have to be paid if there are any other problems in the development. The team members will now require a longer time to design a concept, a testing procedure, and an integration method. Out of the team, Ana will be picking up a lot of work. Shila and John will also be utilizing more time for analysis and testing.

The scope of the project has now become a bit wider since there are new factors such as a budget increase, labor, and milestones. The timeline will be altered with respect to the new addition. The expected completion is now on the 28th of February, which is five days after the due date. This is necessary as the application requires quality and has excellent funding. A request for a timeline change will be sent to the stakeholders with he hopes of quality and efficiency. A change in the triple constraint allows this project to succeed without leaving any request from the stakeholders. By approving this request, the team members can better work at ease without the pressure of a tense timeline. The increase in budget allows the project to integrate the new feature by granting the employees further pay. The change in scope allows the project to welcome a new feature without any hesitations or troublesome changes,