**TASK – B**

**1.Can the project be revised within the time and budget constraints?**

**1a. If so, what is the new deadline? What will it cost to make the changes necessary to meet the new deadline?**

**Ans:** Yes, the project can be revised within the time and budget constraints. The new deadline is July 10, 2020. It costs $420,000 to revise the budget to finish the budget under deadline.

**2.Identify the tasks, change in duration and cost to change each of the activities you recommend modifying.**

**Ans:** By crashing below tasks the project can be brought into given deadline and the projected end date for the project is 7/10/2020.

low-fidelity Mock software interface testing can be reduced from 10 to 7 days and cost $20,000.

Finalize initial board specifications can be reduced from 20 to 17 days and cost $60,000.

Writing installation instruction can be reduced from 23 to 20 days and cost $60,000.

We will be crashing total 420,000 to get the project done.

**3. What are the relative merits of crashing activities versus changing the relationships and adding the lag time?**

**Ans:** By crashing the project the costs of project will be increased as we need to get more resources and changing relationships and adding lag time increases risk as it is being rescheduled.

**4.What is the impact of your recommended changes on the sensitivity of the project?**

**Ans:** As recommended, Sensitivity of the project increases as the cost of project increases during crash. Additional work time or resources and increase of risk which are impacted by changes.