IST 645 Assignment 3

Comparison Analysis of Project Management Results in MS Project and MS Excel

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Assignment #3 was a task assigned to allocate resources, create reports on work effort and costs using MS Project, verify labor and material expenses with Excel, and summarize the findings. The main objective of the assignment was to gain valuable experience in using project management software and analyzing project data.

To complete the assignment, the author and their team added various material resources to the MS Project file. These resources included laptops with software, VoIP handsets, cubicle furniture, a high-speed copier/printer, wireless access points, an aggregation switch, and network cabling. By adding these resources to the project file, the team could track and manage them throughout the project's lifecycle.

Next, the team produced work effort and project cost reports using MS Project. These reports helped project managers track the time and cost spent on the project, which is crucial for project success. In addition, the team cross-checked the labor and material costs using Excel. The analysis showed that the total work hours were consistent between MS Excel and MS Project. However, the total cost was the same, which was unexpected. Despite this, the variance between the two files was not significant, suggesting the calculations were accurate.

Total Cost: $128,005.00

Total Work Hours: 1106

Overall, the project management software MS Project was found to be a useful tool for managing project resources and costs. The Excel spreadsheet also provided a helpful cross-check of calculations, which is an essential step in ensuring project success. The assignment provided valuable experience in using project management software and analyzing project data, which will be beneficial for future projects. In conclusion, completing Assignment #3 helped the author and their team gain valuable insights into project management and develop the necessary skills to manage projects effectively.