



Centro Universitario de los Valles

Master of Software Engineering

Intelligent Traffic Management System

Performance evaluation

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Ameca, Jalisco, September 2023

Performance evaluation

Final Results compared to Initial Estimation

100% Total Project Estimation after CRs Acceptance

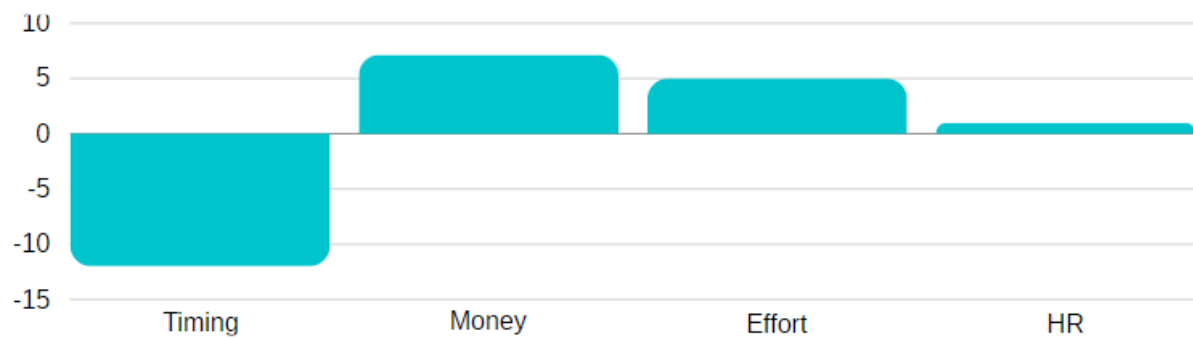
- Timing: 100% (17 months)
- Money: 100% (\$1,120,000)
- Effort: (Moderate workload)
- Team and Skills: Medium
 - 2 Software engineers (medium and senior)
 - 8 Developers (2 jr, 3 medium, 3 seniors)
 - 1 Security expert (senior)
 - 1 project manager (senior)
 - 1 traffic expert (senior)
 - 1 data storage specialist (senior)

Final Results compared to Initial Estimation

- Timing: 88% (15 months)
- Money: 107.14% (\$1,200,000)
- Effort: 105% (Moderate workload)
- Team and Skills: +1 Medium
 - 2 Software engineers (medium and senior)
 - 8 Developers (2 jr, 4 medium, 2 seniors)
 - 1 Security expert (senior)
 - 1 project manager (senior)
 - 1 traffic expert (senior)
 - 2 data storage specialist (medium and senior)

These results demonstrate how each CR impacts the project's baseline in terms of time, costs, effort, and team skill requirements, based on the defined scales and procedures.

Comparative Chart



Comparative Chart of Estimated vs Final Outcome

Conclusion

Considering the previous results, the conclusion could be positive with nuances. Although the project time has been calculated with a slight margin and has slightly exceeded in terms of HR, budget, and required a bit more team effort, the difference hasn't been hugely significant.

The adjustments in the team and skills have provided an improvement in the project's adaptability and capability, which is a positive point. Even though the reference values in terms of money and effort were exceeded, the gained experience and the proximity of the results to the initial estimates can be considered positive in terms of learning and team adjustment for future projects.

In summary, despite the adjustments, the project has managed to remain relatively close to the initial expectations. The acquired experience and the improvement in the team's skills can be seen as a positive aspect for future projects, allowing better planning and execution in similar situations.