

## Library Case Study: Integration Management

A project manager has been hired to oversee the creation of a new community library. The scope of the project includes construction of a new building, acquisition of furnishings, movement of resources from the old library, and upgrade of a software application for patrons using the library.

Review each description of work done by the project manager as part of Integration Management. In your Exercise Notebook, write down the integration process and the other project management constraints and categories (scope, schedule, cost, quality, communications, risk, stakeholders, and procurement) involved.

Work of the PM	Integration Process(s)	Constraints; other project management areas involved
1. Prepared a report for the city council including actual spending vs. planned budget, actual schedule vs. plan, and risks identified since last monthly report.		
2. Met with the team to discuss estimates for work packages, to talk about vacation schedules, and decide on the best communication methods for the team to use.		
3. After the foundation of the building was complete, the project manager held a team meeting to discuss what went well, any quality issues that occurred during the work and how those issues were resolved. They also talked about any changes to the original design that might be needed going forward.		
4. Building foundation adjustments will require a change to the architect's design. These changes require more time and cost, these must be approved by the CCB.		
5. The project manager reviews the project every Friday. They review the risk register and work performance data comparing it to the planned schedule and budget. They also read the local paper and read and respond to communications from the city council members, mayor, and head librarian.		
6. During the grand opening of the library, patrons are asked to complete a survey about their thoughts about the new facility.		
7. The project manager interviews the mayor to understand the community objectives of the new library and the key stakeholders.		

## Answer

Work of the PM	Integration Process(s)	Constraints; other project management areas involved
1. Prepared a report for the city council including actual spending vs. planned budget, actual schedule vs. plan, and risks identified since last monthly report.	Direct and Manage Project Work	<ul style="list-style-type: none"> <li>• Cost</li> <li>• Schedule</li> <li>• Risk</li> <li>• Stakeholders</li> <li>• Communication</li> </ul>
2. Met with the team to discuss estimates for work packages, to talk about vacation schedules, and decide on the best communication methods for the team to use.	Develop Project Management Plan	<ul style="list-style-type: none"> <li>• Communication</li> <li>• Resources</li> <li>• Schedule</li> </ul>
3. After the foundation of the building was complete, the project manager held a team meeting to discuss what went well, any quality issues that occurred during the work and how those issues were resolved. They also talked about any changes to the original design that might be needed going forward.	Manage Project Knowledge	<ul style="list-style-type: none"> <li>• Scope (design)</li> <li>• Quality</li> </ul>
4. Building foundation adjustments will require a change to the architect's design. These changes require more time and cost, these must be approved by the CCB.	Perform Integrated Change Control	<ul style="list-style-type: none"> <li>• Scope</li> <li>• Schedule</li> <li>• Cost</li> </ul>
5. The project manager reviews the project every Friday. They review the risk register and work performance data comparing it to the planned schedule and budget. They also read the local paper and read and respond to communications from the city council members, mayor, and head librarian.	Monitor and Control Project Work	<ul style="list-style-type: none"> <li>• Risk</li> <li>• Stakeholder</li> <li>• Communications</li> <li>• Resources</li> <li>• Cost</li> <li>• Schedule</li> </ul>
6. During the grand opening of the library, patrons are asked to complete a survey about their thoughts about the new facility.	Close Project or Phase	<ul style="list-style-type: none"> <li>• Stakeholders</li> <li>• Quality</li> <li>• Communications</li> </ul>
7. The project manager interviews the mayor to understand the community objectives of the new library and the key stakeholders.	Develop Project Charter	<ul style="list-style-type: none"> <li>• Stakeholders</li> </ul>