





**N A S E R G Y**  
**PMP Course**  
**PMP In Practice**  
**Case Study**

**Introduction**

Please select one of the following projects and apply the project management tools and techniques to plan, execute, monitor, and control, and close the project successfully.

#	Topic	Case Study 1	Case Study 2
1	Project Name	Building an accommodation building	Educational Website
2	Symbol		
3	Description	Construction of 2 floor building	Design and implementing a mobile application for car maintenance ordering
4	Customer (Client)	Nasergy	Nasergy
5	Sponsor (Fund Body)	Nasergy	Nasergy
6	Phases/Deliverables	<ul style="list-style-type: none"> <li>- Design</li> <li>- Installation</li> <li>- Handover</li> </ul>	<ul style="list-style-type: none"> <li>- Collect requirements</li> <li>- Create Demo</li> <li>- Deployment of Sprints</li> </ul>
7	Duration	12 months	6 months
8	Budget	\$2,000,000	\$1,000,000
9	Deliver the following document to your customer/senior management	<ul style="list-style-type: none"> <li>1- Determine Appropriate Approach</li> <li>2- Project Charter</li> <li>3- Requirements Register</li> <li>4- Scope Statement</li> <li>5- WBS</li> <li>6- Activity List</li> <li>7- Duration Estimates</li> <li>8- Resource Estimates</li> <li>9- Project Schedule</li> <li>10- Cost Estimates</li> <li>11- Cost Baseline</li> <li>12- Risk Register</li> <li>13- Risk Quantitative analysis</li> <li>14- Risk Response</li> </ul>	<ul style="list-style-type: none"> <li>1- Determine Appropriate Approach</li> <li>2- Project Vision</li> <li>3- Requirements Register</li> <li>4- Project EPICS (Main Features)</li> <li>5- Product Backlog (Main Products)</li> <li>6- User Stories (Work Package)</li> <li>7- Story Point (Activity List)</li> <li>8- Estimate Efforts (Time-Resources)</li> <li>9- Estimate Cost</li> <li>10- Risk Register</li> <li>11- Risk Quantitative analysis</li> <li>12- Risk Responses</li> <li>13- Project Management Plan</li> </ul>

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		15- Project Management Plan	
10	Deal with the following Risks	1- Lack of finance after year no.1 of execution works. 2- Issues with the site preparation (water in soil). 3- The design team is working remotely from India. 4- Late delivery of cement 5- A new storm of Covid-19 6- One of the vendors (civil works) disappeared 7- Aggressive project manager from customer side.	1- Lack of finance after month no.3 of execution works. 2- Issues with the team working remotely. 3- The product owner is always busy with family issues 4- Late delivery of code testing 5- A new storm of Covid-19 6- Top management prefer using Waterfall for all projects. 7- Aggressive customer attitude.
11	Deal with the following Issues, record them and submit the Issue Log to Nasergy.	1- The customer is not approving the deliverables 2- The customer needs a new scope 3- The sponsor has no fund 4- The senior management wants you to compress the schedule	1- The customer is not approving the deliverables 2- The customer needs a new scope 3- The sponsor has no fund. 4- The senior management wants you to compress the schedule
12	Please assume, add some events, and submit the following documents	1- Project Earned value 2- Project Issues Log 3- Project Change Log 4- Project Lesson Learned Register	1- Sprint Plan 2- Sprint Review 3- Daily Standup meeting 4- Retrospectives

## Delivery

Upon completing your case study, please submit it to the following email addresses for review and feedback,  
[naser@nasergy.com](mailto:naser@nasergy.com) & [Mnaser10@gmail.com](mailto:Mnaser10@gmail.com)

At any time, you can contact me for support at the following contacts

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Thanks, and Good Luck,

**Mohamed Naser**

CEO of Nasergy