

Capstone Project - Student Guide

Overview

In the Capstone project, you'll apply what you've learned in this course to create a solution for a client business. You'll first gather information about a client and its business needs. Then, you'll plan and create a Microsoft Power Platform solution that provides value to the business. Your solution should include a data source, a Power Automate flow, a Power BI dashboard, and an app made with Power Apps. Be sure to review the Capstone Rubric to make sure your project incorporates the required items.

Preparing for the Capstone

To best prepare for the Capstone, consider the following:

- **Start preparing early.** Read this Capstone guide early in the course.
- **Meet with your client and take notes.** Take and keep thorough notes about your client and remember: it's better to get too much information from your client than not enough.
- **Think about your client in each module.** As you learn new concepts in each module, consider how they might apply to your client.
- **Work on the presentation early and complete the end-of-module questions.** Consider building your presentation throughout the course. The end-of-module questions are designed to help support your understanding of the Capstone tasks, so think about your project as you complete them.
- **Refer to the rubric as you work.** Use the Capstone rubric document to ensure you fully understand the requirements for the tasks presented below.

Capstone Tasks

Task 1 - Produce an appropriate Microsoft Power Platform solution for a client

In the first phase of this project, you will be working to understand your client's needs and using what you know about Microsoft Power Platform to design a solution. By the end of this task, you should have a clear idea of what your client's needs are and how your solution meets those needs. You will be using this information to create a presentation in Task 3, so be sure that you have all the following documented:

- A summary description of the client's needs and goals
- An overview of your Microsoft Power Platform solution for this business
- A proposed flow for the solution
- The data model needed for the solution
- An app for the solution
- Benefits to the client.

Task 2 – Design a Microsoft Power Platform architecture diagram and implement the solution in Microsoft Power Platform

In the second phase of the project, you will design the architecture and implement the solution for your business using Microsoft Power Platform. Use the proposed components identified in Task 1 and integrate them as a Power Platform architecture diagram. The diagram can be created in [Microsoft PowerPoint](#) or [Microsoft Visio](#). Alternatively, there are several free to use web-based diagramming tools that are suitable for the task.

Be sure to include the following in your solution:

- A Power Automate flow
- A Power BI dashboard
- A Power App app

After completing the diagram, implement the Microsoft Power Platform features identified in Part 1 and described in your solution. To bring data into your project, you might want to create an Excel spreadsheet. You need to format the spreadsheet as a table before you bring it into Microsoft Power Platform.

Task 3 – Present the Microsoft Power Platform solution

In this phase, you will deliver a ten-minute presentation that describes the needs analysis, solution, and explanations that you documented earlier in the project. After the presentation, others will have an opportunity to ask you questions about your process and recommendations. Make sure you include clear evidence to support the decisions that you have made, based on the analysis of your business, and that your presentation is organized and detailed enough for your audience to have a good understanding of the benefits of your solution.

Support and Resources

If you have questions or are facing problems while completing the tasks, use the following problem-solving strategies before asking your instructor for help:

- Review the content in this Student Capstone Guide.
- Research the official Microsoft Power Platform Documentation
- Use the **Help** options in Microsoft Power Platform.
- Ask peers for help.

Post-Project Reflection Questions

1. What did you learn in creating and delivering this Capstone presentation that might be helpful to you in the future?
2. What challenges did you experience? How did you work to overcome them?
3. What components of your presentation went well? What are some things in your presentation that you could improve?
4. Add other comments you would like to make about this project or your work.