

Applied Workshop: Microsoft Power Platform App Maker

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Workshop overview

Now that you are all skilled app makers, it's time to make your own app!

In this workshop, you will each create your own data model, app, and flow to support your fictional company. There are 3 scenarios to choose from and 4 phases to complete throughout the day.

This workshop is open-ended by design. Use this time to practice what you need and don't be afraid to use your trainer for help when you get stuck.

Scenarios



Scenario #1: Brand Recognition



Scenario #2: Booking Requests



Scenario #3: Supply Requests

Scenario #1: Brand Recognition

Your company is a very popular organization with prestigious brand recognition. Because of this brand recognition, many third-party retail organizations display your company's logo in their stores and all around the world. You would like to create a Power App that will allow users to submit pictures when they notice the logo. Using the app, users can take photos of the logo displays and leave a comment about the way that it was portrayed. You would also like to let employees report on defective or misrepresented logos. You want to build an app that allows you to capture and share those moments and mark items for follow-up if needed.

Scenario #2: Booking Requests

Your company is a local pet boarding facility and veterinary care practice. Lately, customers have requested a way to submit booking requests for pet boarding without having to call the office. You would like to create a Power App that allows customers to submit the information for their booking request for the office to review. You would like customers to be alerted when their booking request has been reviewed and approved or rejected. You want to build an app that allows you to capture these booking requests and decide to accept or decline the booking.

Scenario #3: Supply Requests

Your company is a large organization with various departments purchasing similar items from vendors. Sometimes, managers don't know when to place an order for new supplies. You would like to create a Power App that allows employees to submit a request for new supplies. You would like the managers to note these requests and decide whether to accept or decline the supply request. You would like employees to be alerted to their supply request has been reviewed and whether the manager agreed to order the supplies or did not. You want to build an app that allows you to capture these supply requests and the manager's decision on ordering the product.

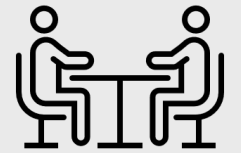
Phase 1: Small group discussion - details

Discuss with your small group the idea of making an app. Have a brainstorming session about how you might approach this app.

Discussion points

1. Which scenario did you choose?
2. Phone or tablet layout? Why?
3. What information might you need to collect from the submitter?
4. What type of automation might you want to include? Notifications? Approvals? Follow-ups?
5. What happens to the submission once it is completed? Does it get posted to a Team?
6. Will submissions need to be moderated for appropriateness or only observed by certain personnel?
7. Can users sign up for notifications on their submissions? Submissions of others?

Phase 1: Small group discussion



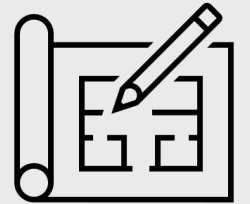
Phase 2: Design your data model and app - details

Now you should plan how you will approach the app. Put pen to paper (or digital, however it works for you) and sketch some screens, design your data model.

Considerations (refer to workshop document for more)

1. What information should you collect each time a user submits a record? What are the data types for each piece of information?
2. How will you process an entry that requires follow-up?
3. What should trigger a notification flow, when any record is created or when a record that was flagged as defective is created?
4. What happens once the submission is reviewed?
5. How and where will you display the entries? Should others in the company be encouraged, or even allowed, to offer feedback or comments on any given entry?
6. Should you make certain information required?

Phase 2: Design your data model and app



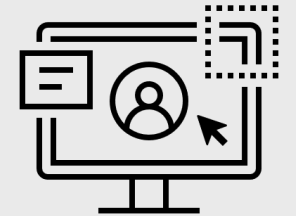
Phase 3: Build your data model, screens, and automation - details

Time to make your app.

Considerations

1. What will you name your app?
2. What changes did you have to make from your original design?
3. Can you optimize any of the automation/notifications?
4. **Challenge:** if you have time, how might a different app be used to review the submissions from another user's point of view (for example, a manager at the company)?

Phase 3: Build your data model, screens, and automation



Phase 4: Share and compare your apps - details

Share your app with your small group. Compare the experience as a maker of your app and a user of their app.

Considerations

1. Should you share the application with a Team or with each user?
2. What security privileges should users have, are you going to let users delete records they didn't create?
3. How do others' apps compare to your app? What is similar? What is different?
4. How would you improve upon your solution?

Phase 4: Share and compare your apps



Wrap-up



