GENERAL ASSEMBLY

FIREBASE

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LESSON

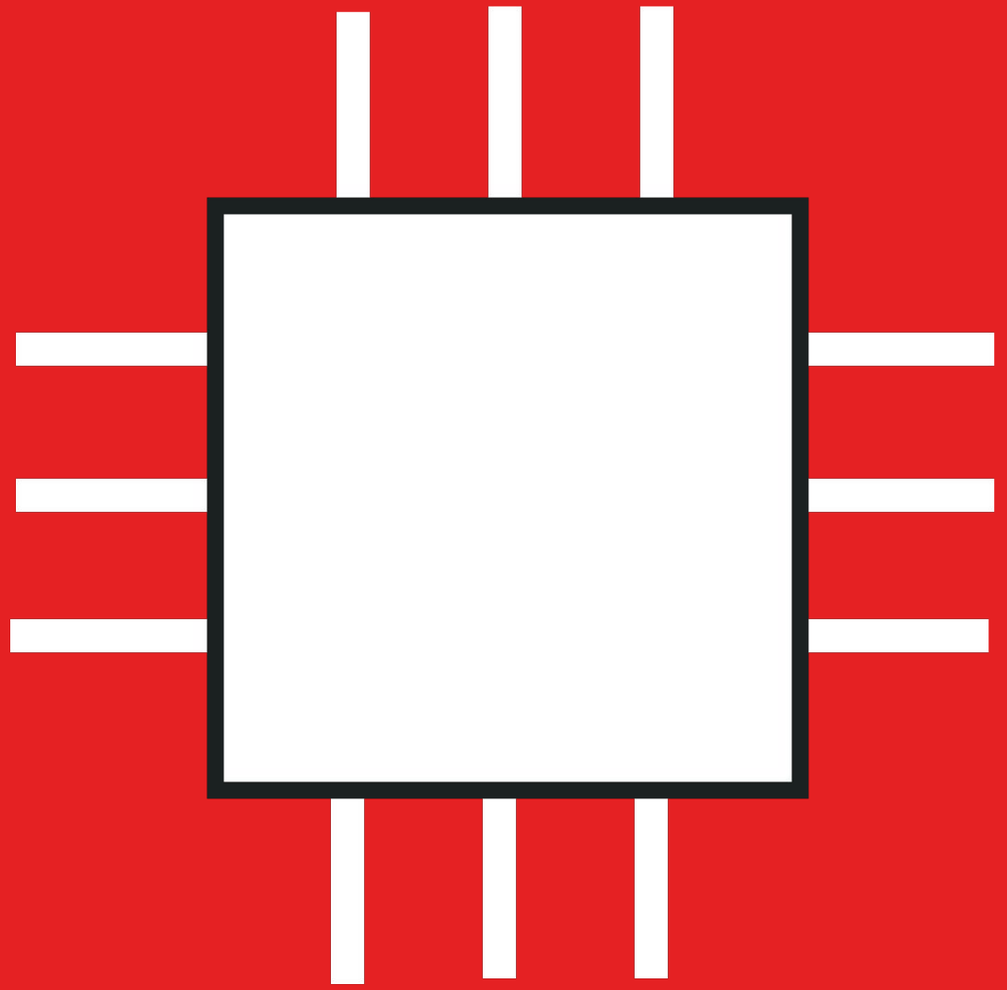
LEARNING OBJECTIVES

+ **Create** Firebase App
+ **Model** Data in Firebase
+ **Store** Data in Firebase
+ **Query** Firebase

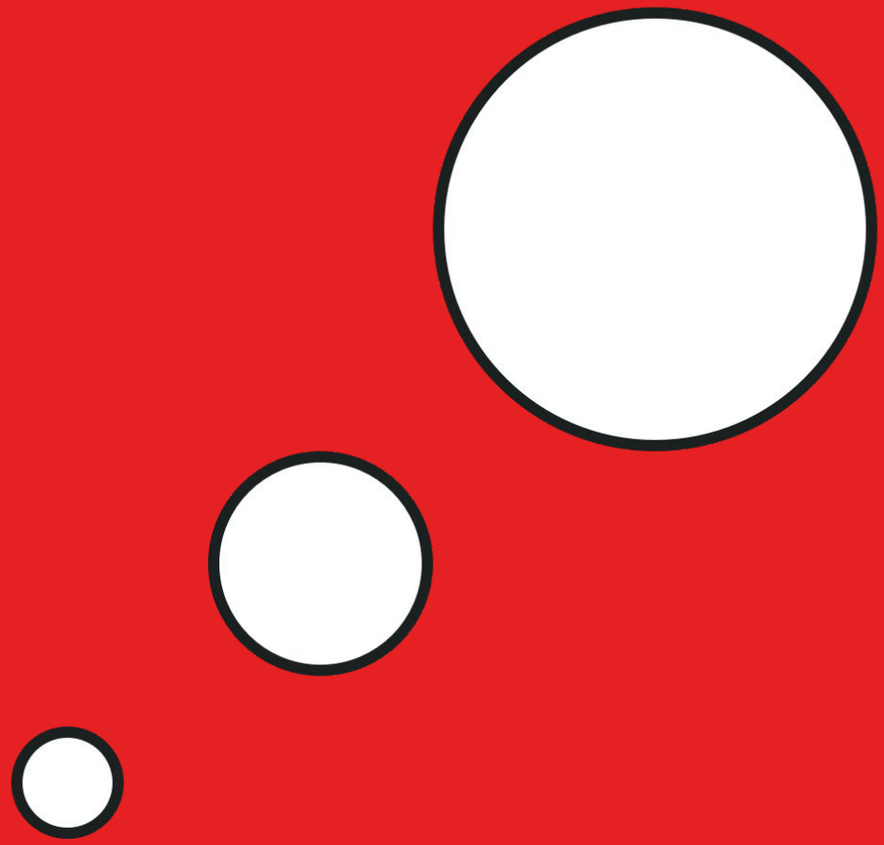
WHO CARES?

LESSON

LESSON

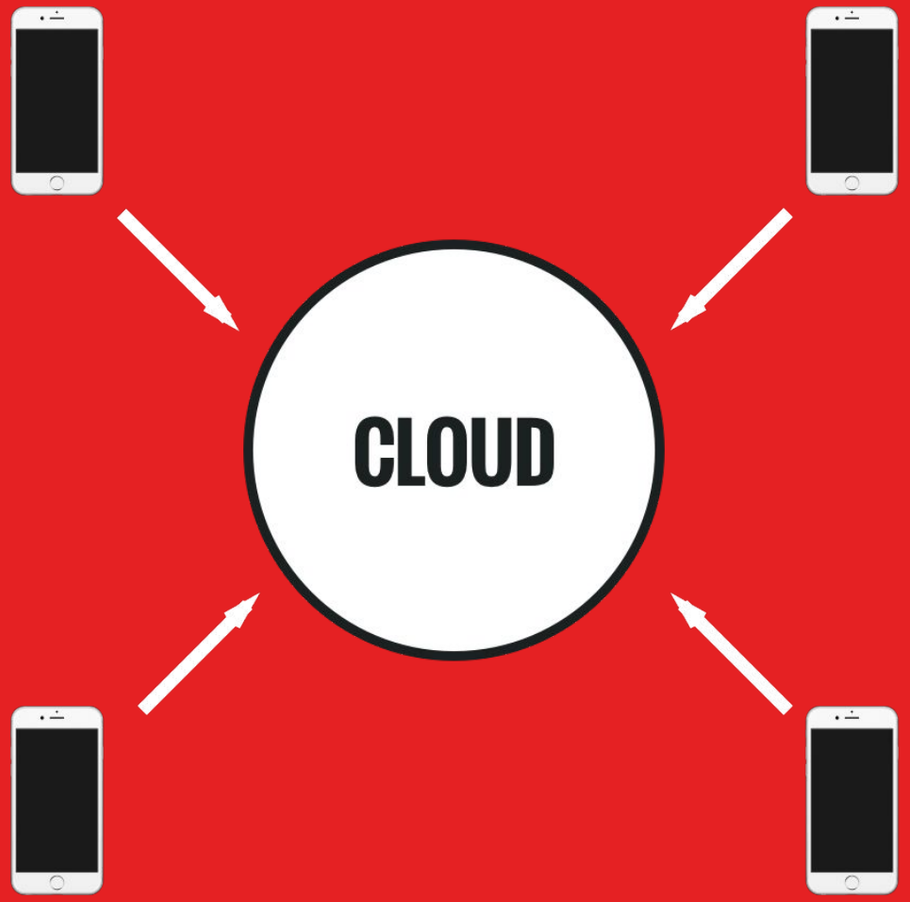


LESSON



HOW IT TIES IN

LESSON



OPEN THE STARTER CODE

5 mins

DIRECTIONS

Open the starter code

DEMO

FOLLOW-ALONG

GETTING STARTED

CREATING A FIREBASE APP

https://firebase.google.com/

ACTIVITY: GETTING STARTED

5 mins

DIRECTIONS

+ Create an Account
+ Create an Application
+ Download the plist and add it to the app
+ Add a rule to make Firebase open

MODELING IN FIREBASE

LESSON

IT'S A GIANT JSON!

ACTIVITY: MODEL A POST

10 mins

DIRECTIONS

+ What kind of data will you store? (2 min)
+ How will you store it? (4 min)
+ How do you plan to query it ? (3 min)

DELIVERABLE

Your JSON Schema

DEMO

FOLLOW-ALONG

SAVING DATA

PRACTICE: SAVING DATA

CODE

10 mins

DIRECTIONS

Update the App to save image posts in Firebase

NOTES

Use the provided function to convert a UIImage into a String

DEMO

FOLLOW-ALONG

QUERYING DATA

PRACTICE: QUERYING DATA

10 mins

DIRECTIONS

Update the App to query for, and show image posts

NOTES

Remember that image posts are in a different path

HOW WILL YOU USE THIS?

ACTIVITY: WRITE-PAIR-SHARE

5 mins

DIRECTIONS

+ Write down what how this applies to your projects (1 min)
+ Pair up with your nearest neighbor and discuss (2 min)
+ Discuss as a class (3 min)

DELIVERABLE

Write your answers down

TAKEAWAYS

CONCLUSION

It’s free

…

to a point

BEST PRACTICES

CONCLUSION

MAKE IT SECURE

CONCLUSION

TEST IT EARLY

CONCLUSION

MODEL CAREFULLY

CONCLUSION

PLAN FOR THE WORST

LESSON

Q&A

THANKS!

WELLINGTON MORENO

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FOR INSTRUCTOR PURPOSES ONLY

MATERIALS

+ Lab
+ Lesson Plan
+ Lesson Starter Code