TOO MANY STUDENTS AND NOT ENOUGH TIME

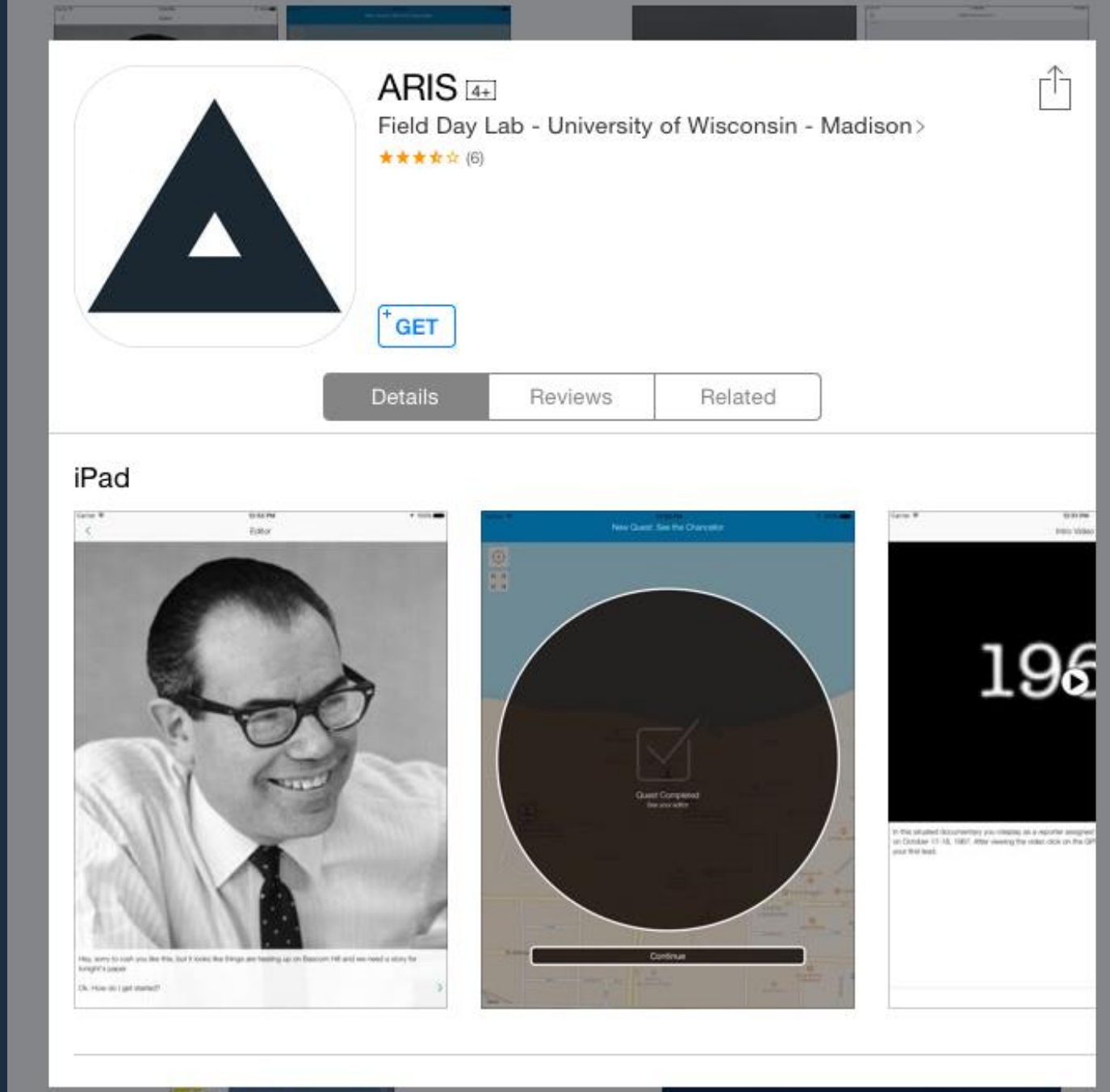
Solving Practical Challenges with Augmented Reality Library Tours

Presented by Lisa Wollenberg, University of Hartford
NEMLA Spring Meeting, May 31, 2019
Boston University

Demo

To participate, download ARIS from the AppStore

...or borrow an iPad!



Background

Allen Library

Background

The University of Hartford

The Hartt School

UNIVERSITY OF HARTFORD

THE HARTT SCHOOL

Background

HLM 020

- Information literacy course
- 0 credits
- Required for graduation
- Completely online

HLM

020

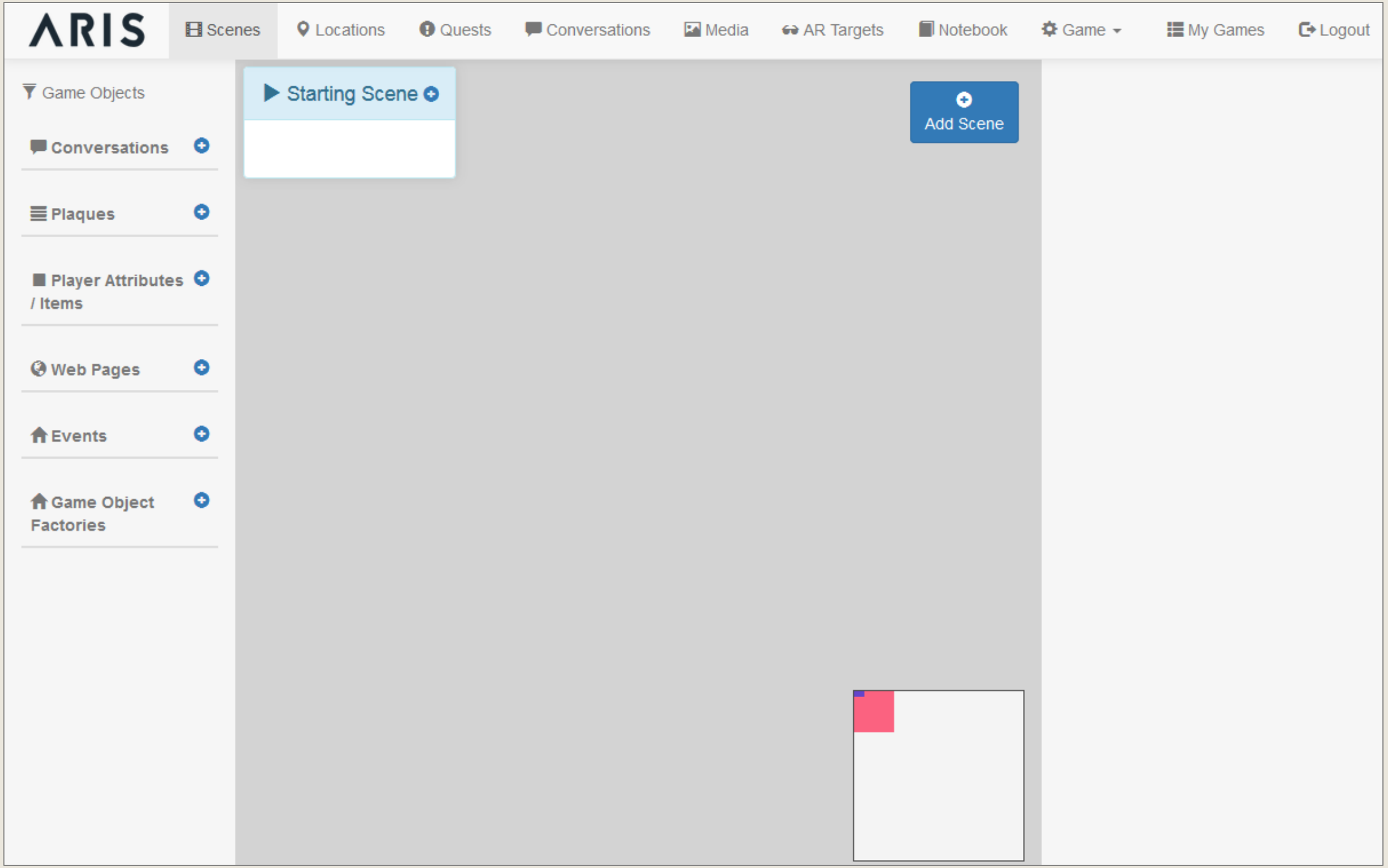
The Tour

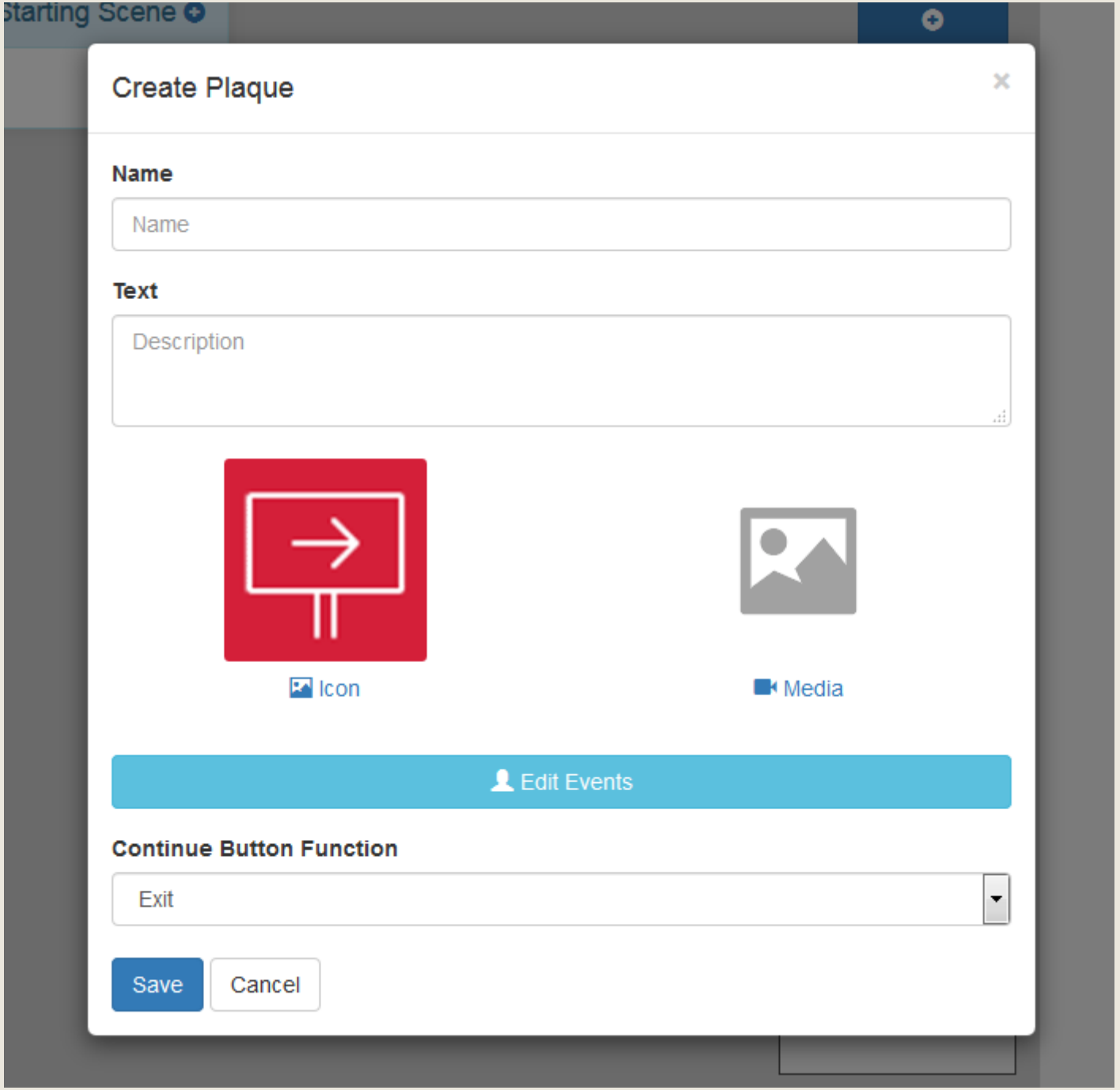
Challenges

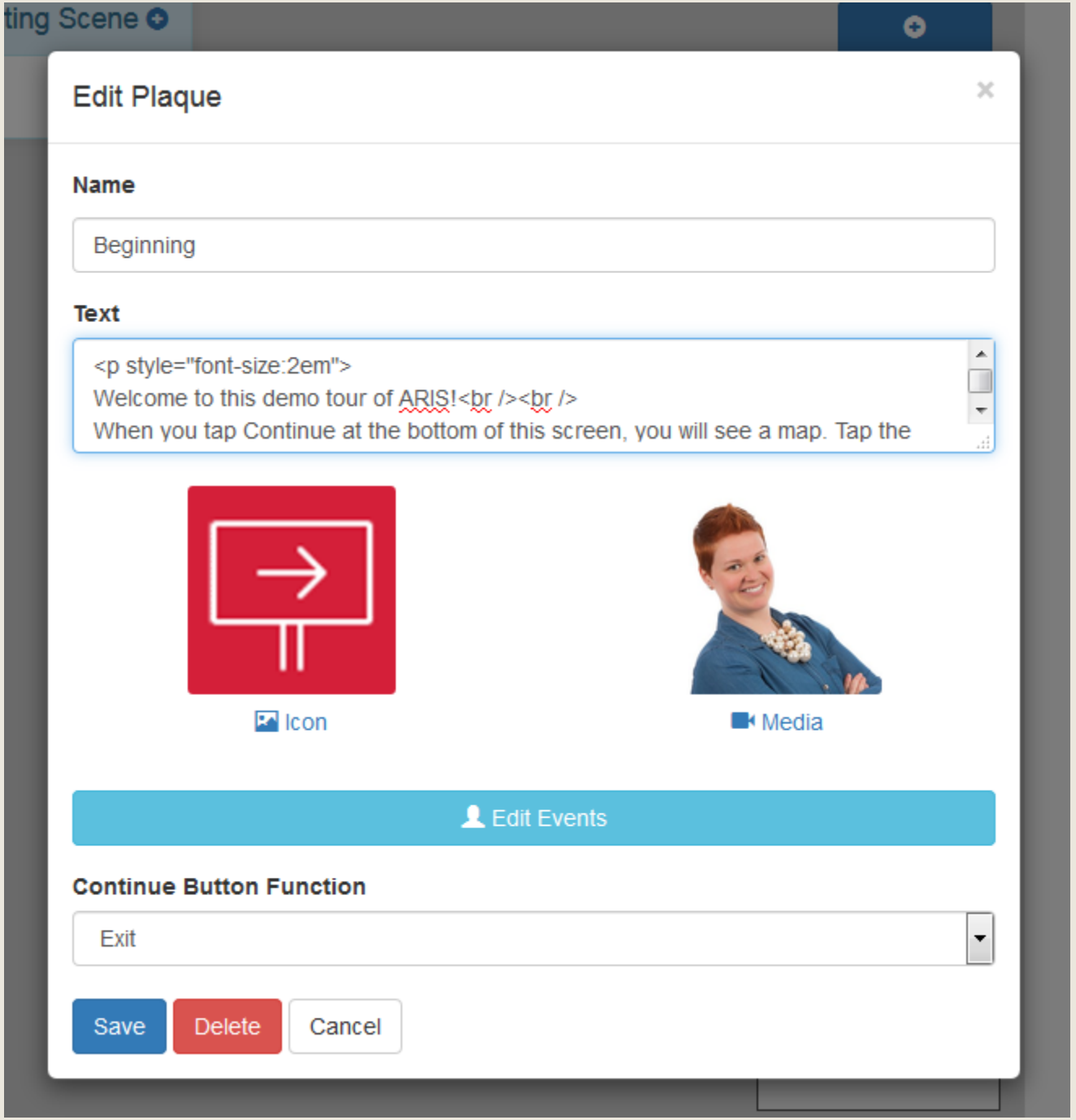
- Many students
- Many majors
- Busy schedules
- No required class time

Solutions

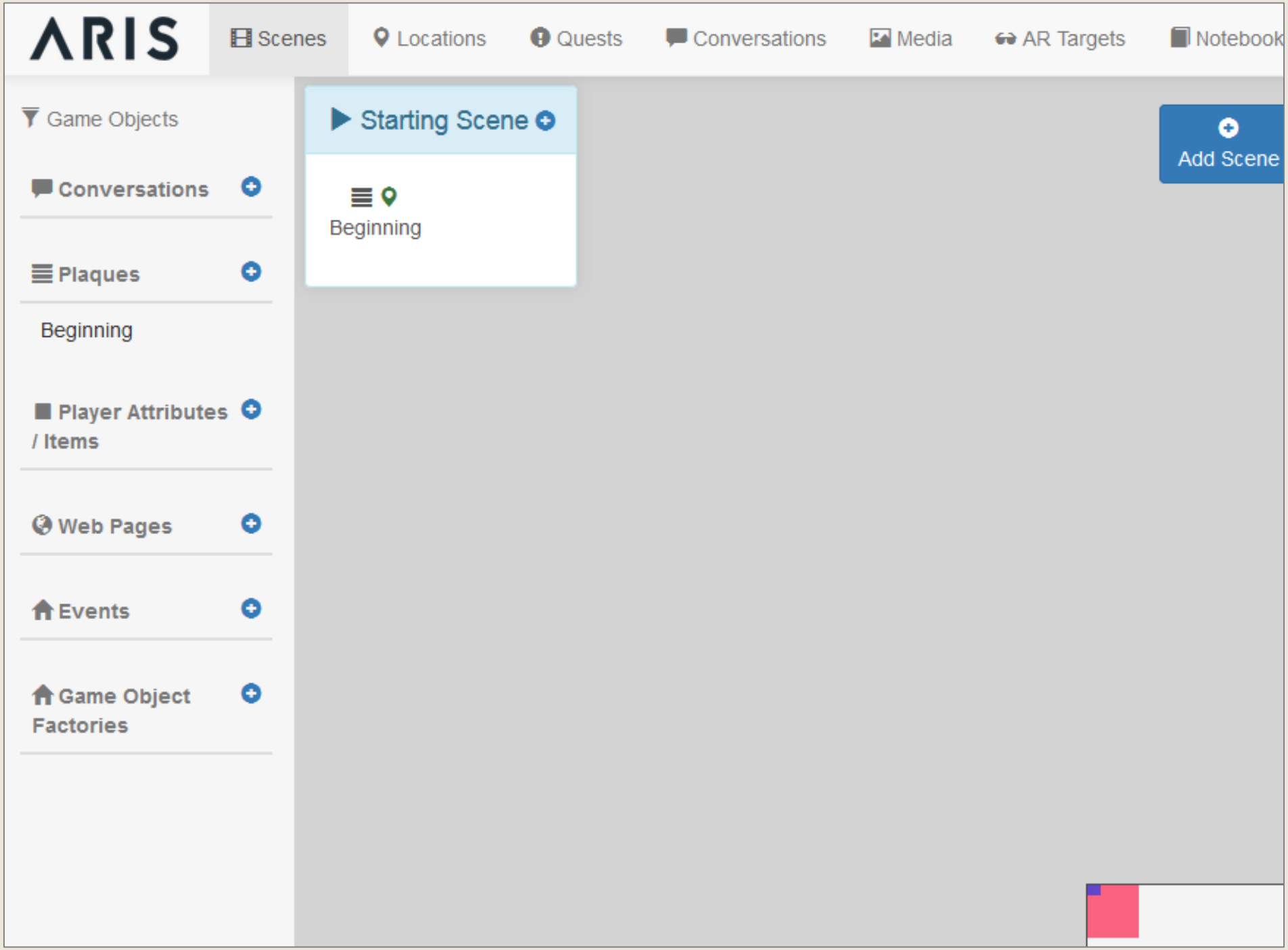
- FREE!
- User: App-based
- Creator: Web-based


ARIS
Scenes
Locations
Quests
Conversations
Media
AR Targets
Notebook
Game
My Games
Logout
Game Objects
Conversations
Plaques
Player Attributes / Items
Web Pages
Events
Game Object Factories
Starting Scene
Add Scene


Starting Scene
Create Plaque
Name
Name
Text
Description
Icon
Media
Edit Events
Continue Button Function
Exit
Save
Cancel


ting Scene
Edit Plaque
Name
Beginning
Text
<p style="font-size:2em">
Welcome to this demo tour of ARIS!

When you tap Continue at the bottom of this screen, you will see a map. Tap the
Icon
Media
Edit Events
Continue Button Function
Exit
Save
Delete
Cancel


ARIS
Scenes
Locations
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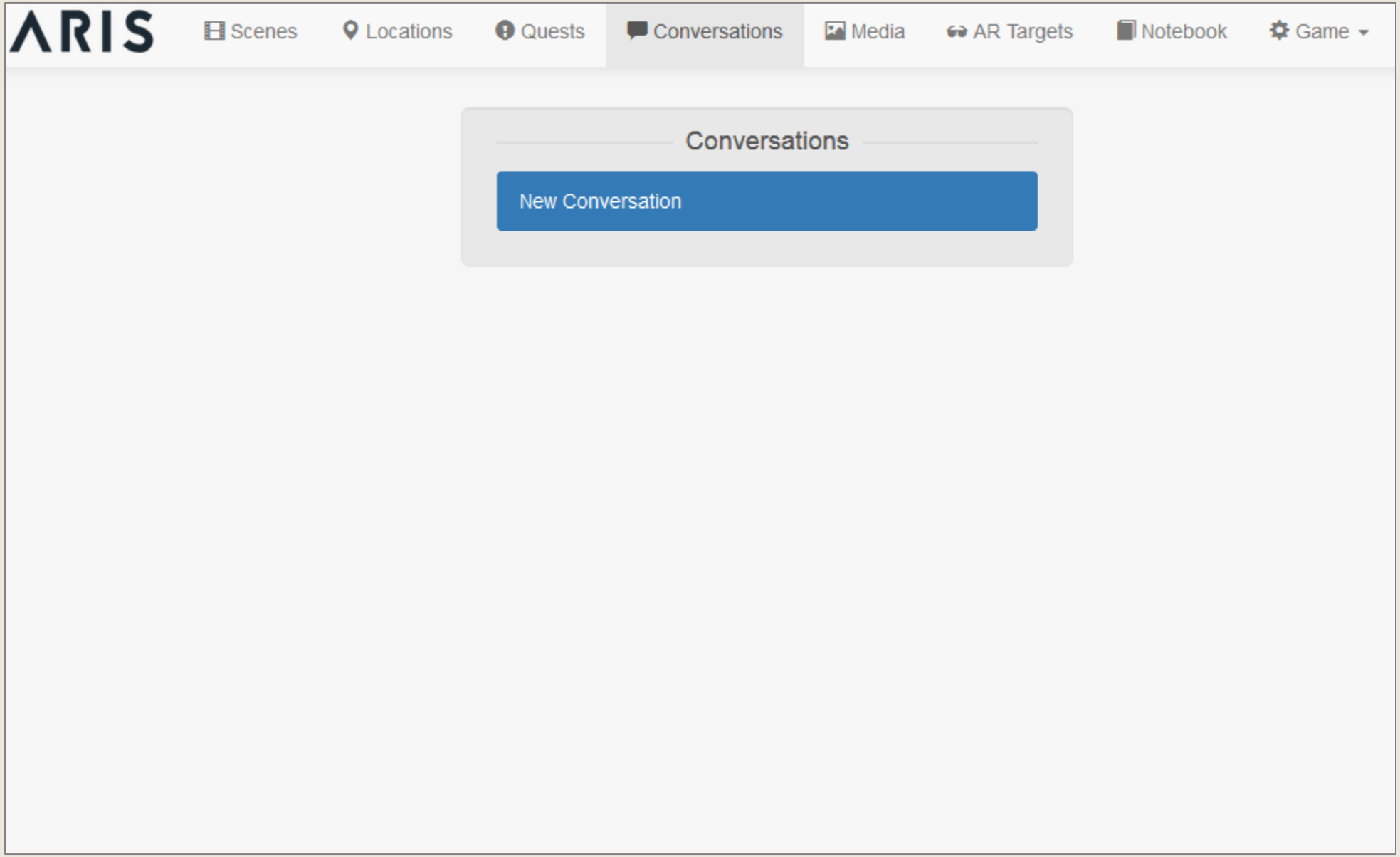
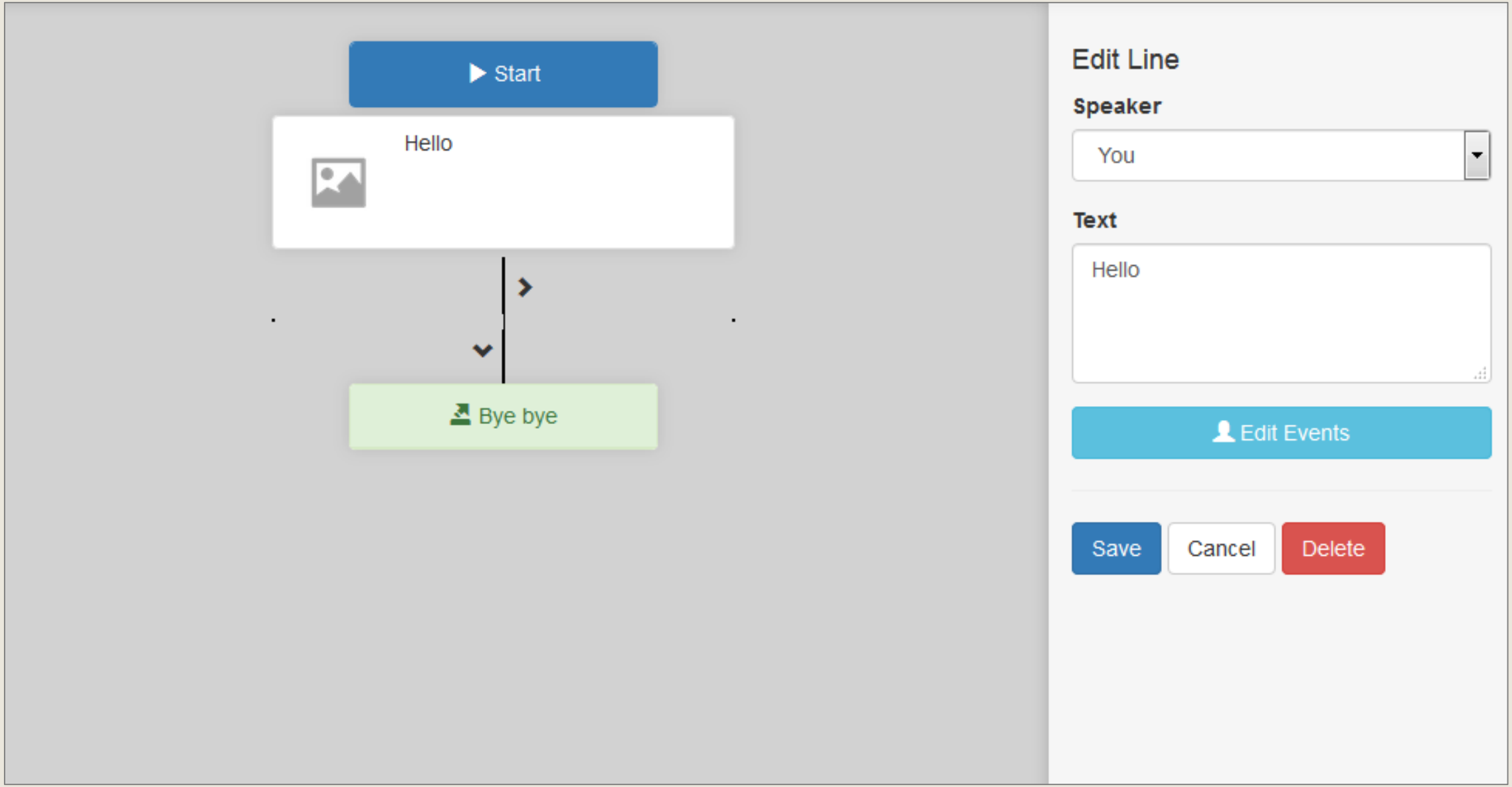
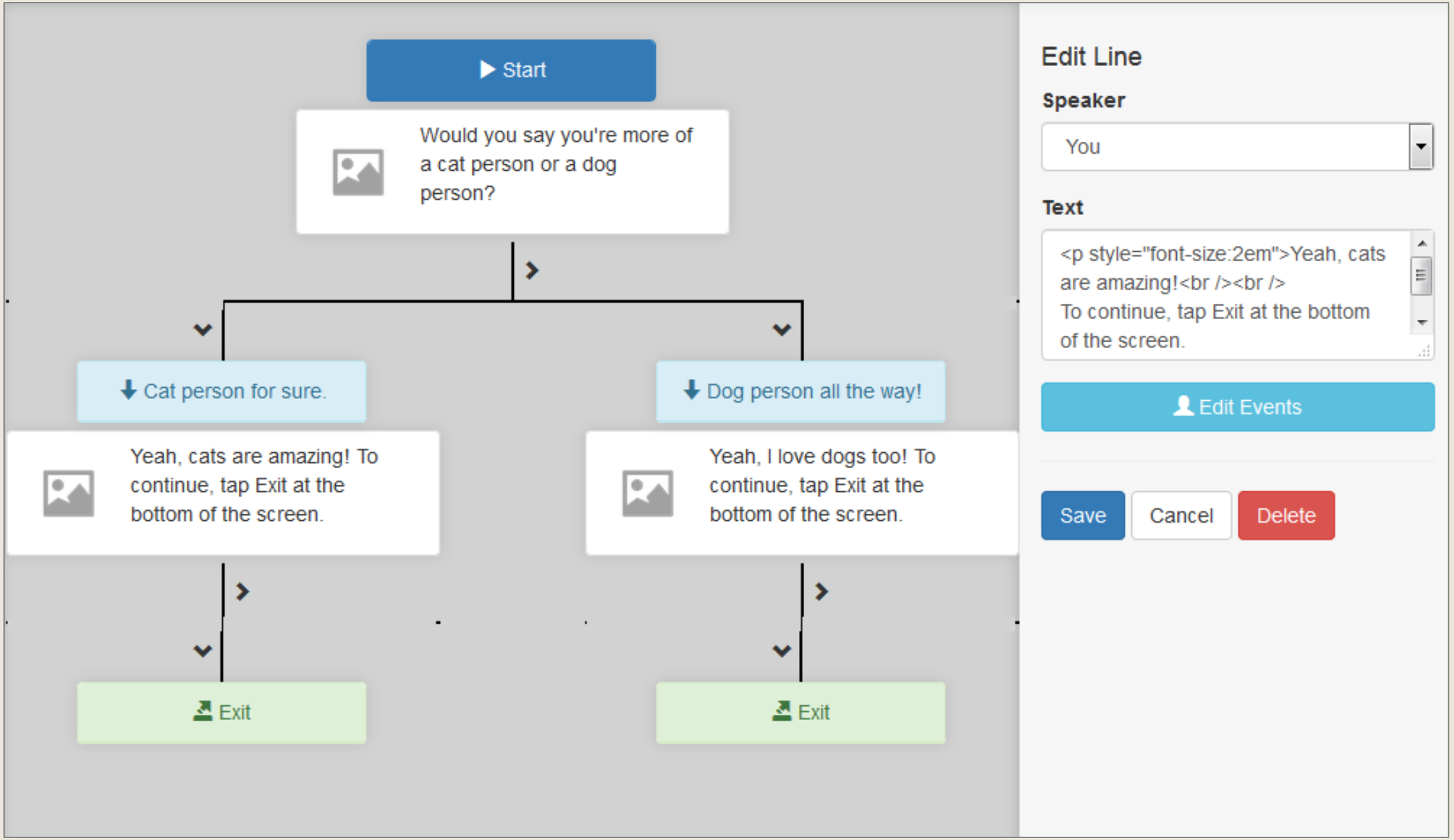
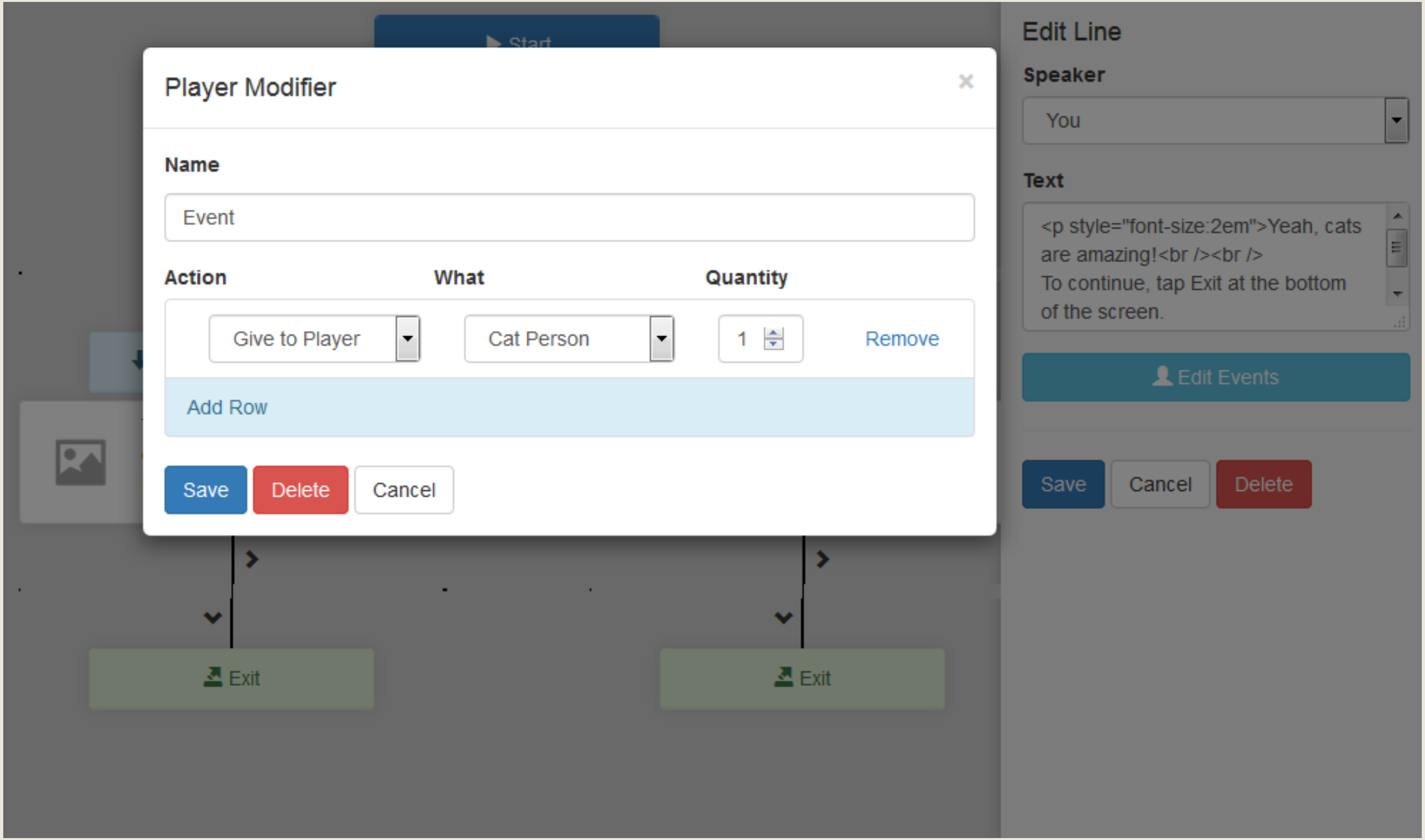
AR Targets
Notebook
Game Objects
Conversations
Plaques
Beginning
Player Attributes / Items
Web Pages
Events
Game Object Factories
Starting Scene
Beginning
Add Scene


ARIS
Scenes
Locations
Quests
Conversations
Media
AR Targets
Notebook
Game
Conversations
New Conversation

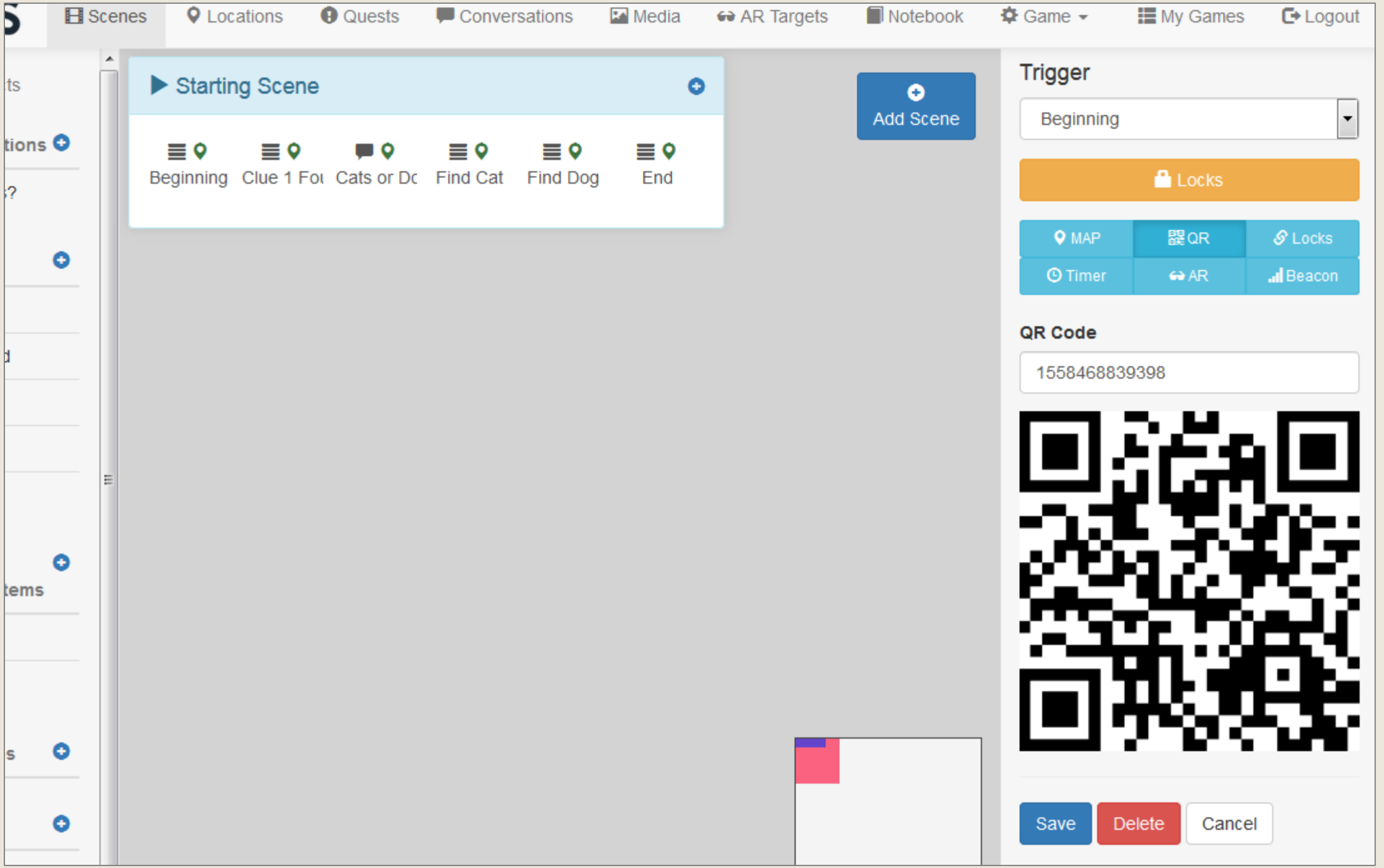

Start
Hello
Bye bye
Edit Line
Speaker
You
Text
Hello
Edit Events
Save
Cancel
Delete

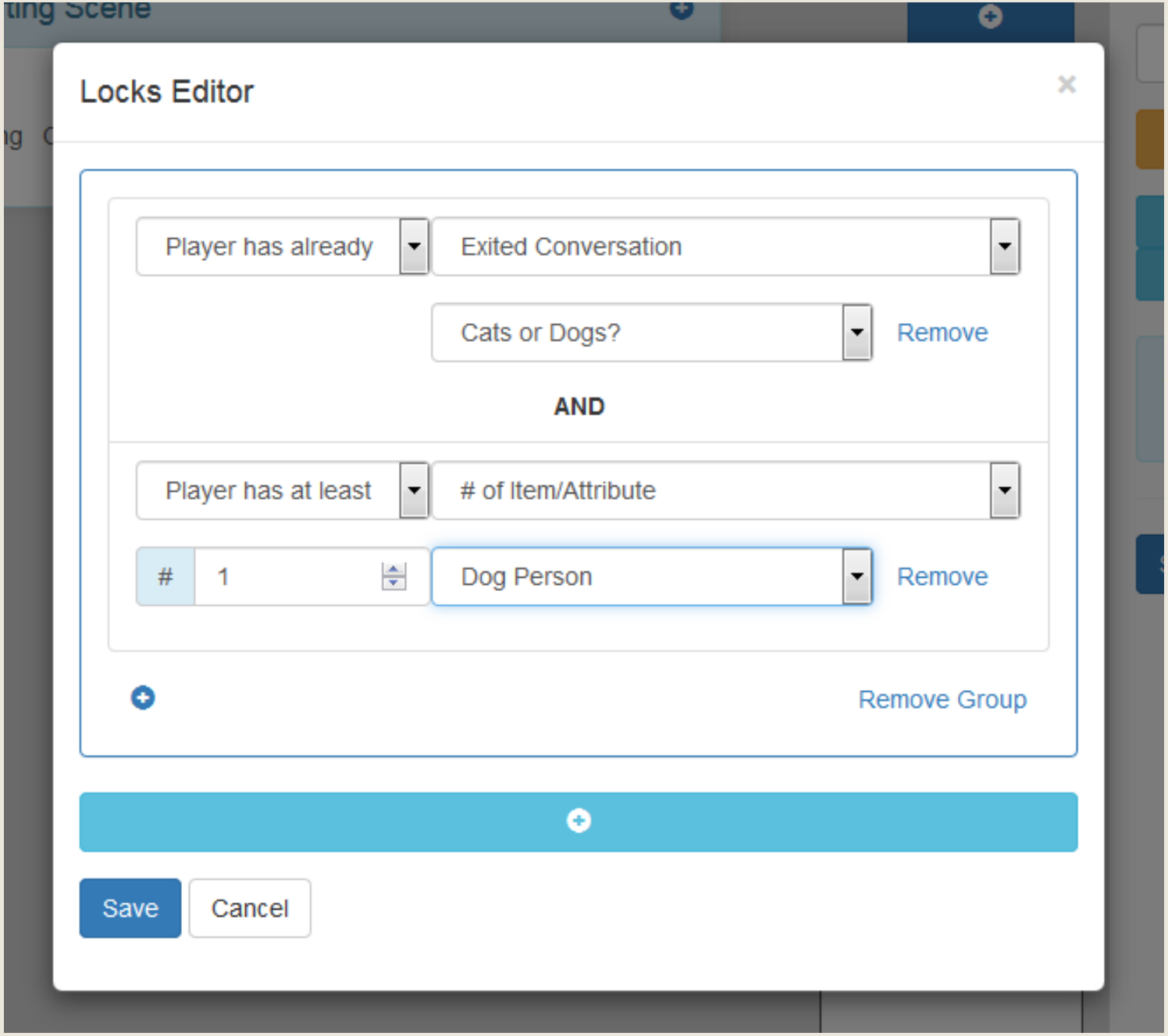

Start
Would you say you're more of a cat person or a dog person?
Cat person for sure.
Dog person all the way!
Yeah, cats are amazing! To continue, tap Exit at the bottom of the screen.
Yeah, I love dogs too! To continue, tap Exit at the bottom of the screen.
Exit
Exit
Edit Line
Speaker
You
Text
<p style="font-size:2em">Yeah, cats are amazing!

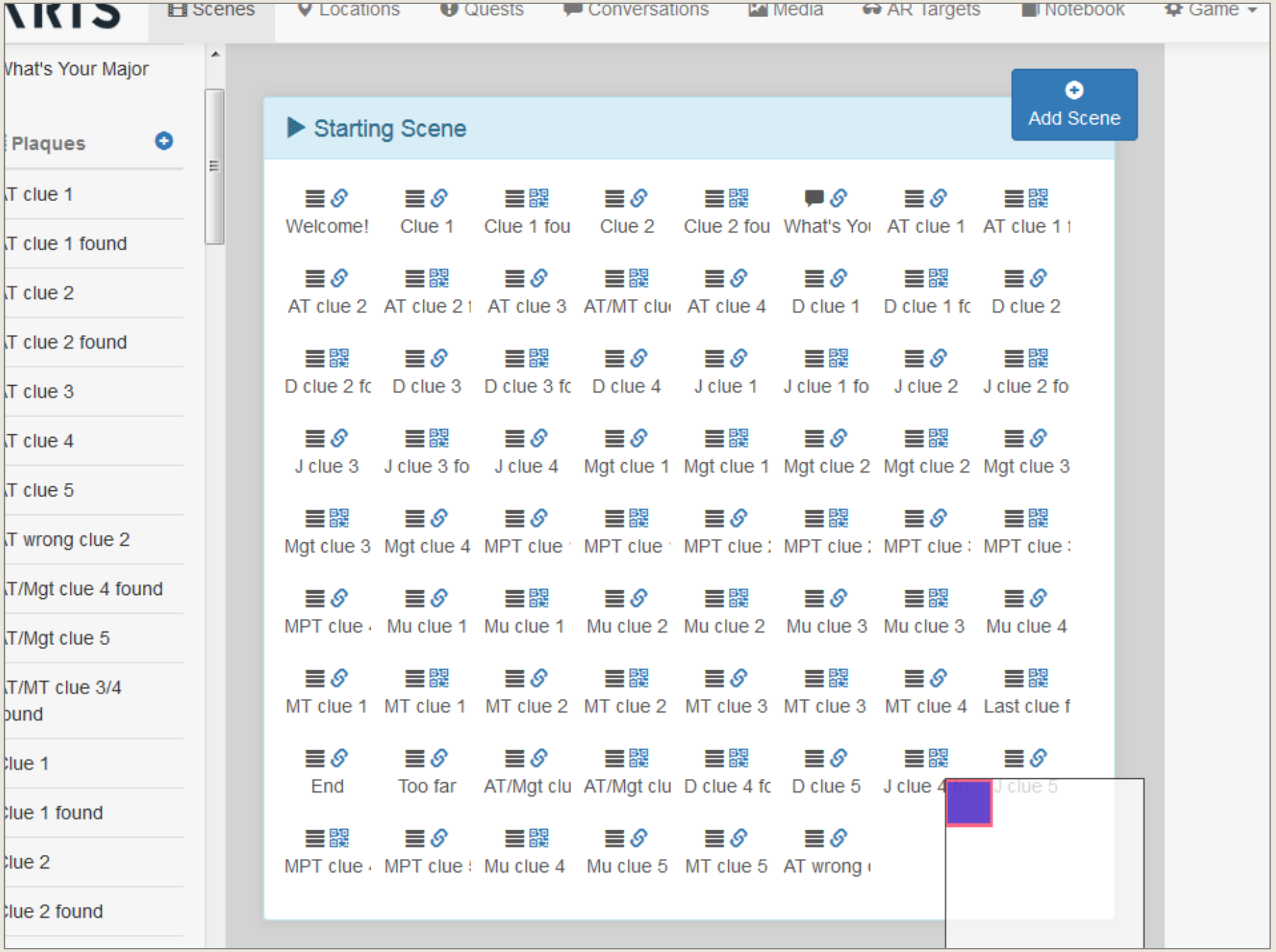
To continue, tap Exit at the bottom of the screen.
Edit Events
Save
Cancel
Delete


Start
Player Modifier
Name
Event
Action
What
Quantity
Give to Player
Cat Person
1
Remove
Add Row
Save
Delete
Cancel
Exit
Exit
Edit Line
Speaker
You
Text
<p style="font-size:2em">Yeah, cats are amazing!

To continue, tap Exit at the bottom of the screen.
Edit Events
Save
Cancel
Delete


Scenes
Locations
Quests
Conversations
Media
AR Targets
Notebook
Game
My Games
Logout
Starting Scene
Beginning
Clue 1 For
Cats or Dc
Find Cat
Find Dog
End
Add Scene
Trigger
Beginning
Locks
MAP
QR
Locks
Timer
AR
Beacon
QR Code
1558468839398
Save
Delete
Cancel


Locks Editor
Player has already
Exited Conversation
Cats or Dogs?
Remove
AND
Player has at least
# of Item/Attribute
#
1
Dog Person
Remove
Remove Group
Save
Cancel


Scenes
Locations
Quests
Conversations
Media
AR Targets
Notebook
Game
What's Your Major
Plaques
T clue 1
T clue 1 found
T clue 2
T clue 2 found
T clue 3
T clue 4
T clue 5
T wrong clue 2
T/Mgt clue 4 found
T/Mgt clue 5
T/MT clue 3/4 found
lue 1
lue 1 found
lue 2
lue 2 found
Add Scene
Starting Scene
Welcome!
Clue 1
Clue 1 fou
Clue 2
Clue 2 fou
What's Yo
AT clue 1
AT clue 1
AT clue 2
AT clue 2
AT clue 3
AT/MT clu
AT clue 4
D clue 1
D clue 1 fc
D clue 2
D clue 2 fc
D clue 3
D clue 3 fc
D clue 4
J clue 1
J clue 1 fo
J clue 2
J clue 2 fo
J clue 3
J clue 3 fo
J clue 4
Mgt clue 1
Mgt clue 1
Mgt clue 2
Mgt clue 2
Mgt clue 3
Mgt clue 3
Mgt clue 4
MPT clue
MPT clue
MPT clue
MPT clue
MPT clue
MPT clue
MPT clue 4
Mu clue 1
Mu clue 1
Mu clue 2
Mu clue 2
Mu clue 3
Mu clue 3
Mu clue 4
MT clue 1
MT clue 1
MT clue 2
MT clue 2
MT clue 3
MT clue 3
MT clue 4
Last clue f
End
Too far
AT/Mgt clu
AT/Mgt clu
D clue 4 fc
D clue 5
J clue 4
J clue 5
MPT clue
MPT clue
Mu clue 4
Mu clue 5
MT clue 5
AT wrong

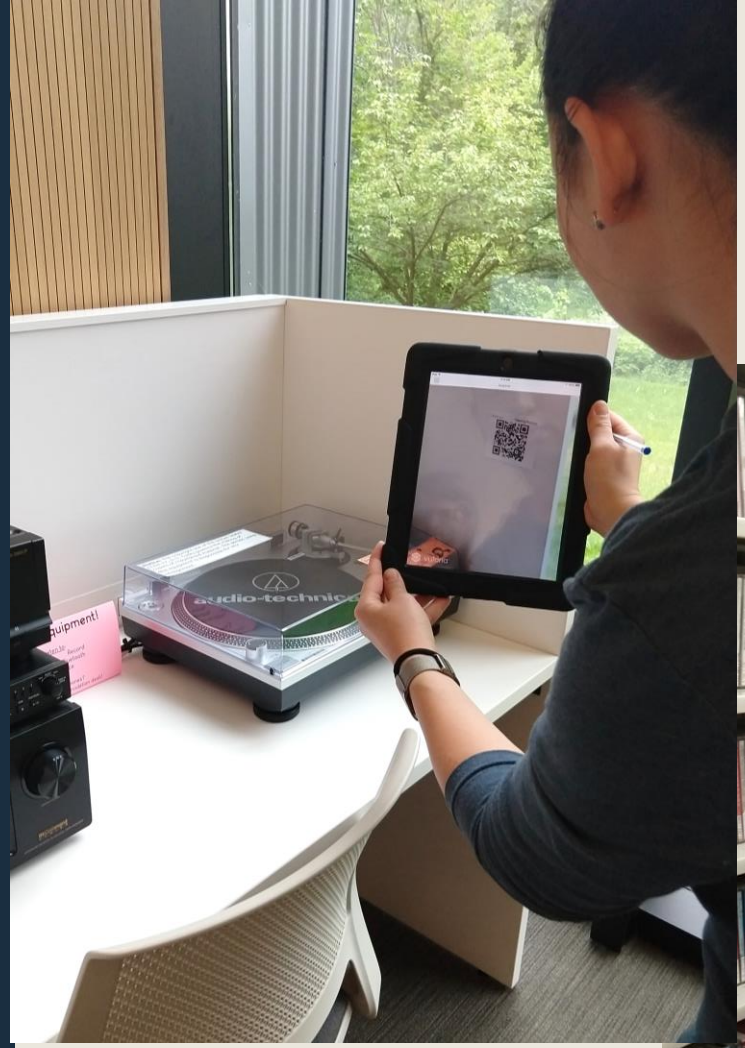
Taking the Tour

Student:

- Download app or borrow iPad
- Follow clues around library
- Scan QR codes

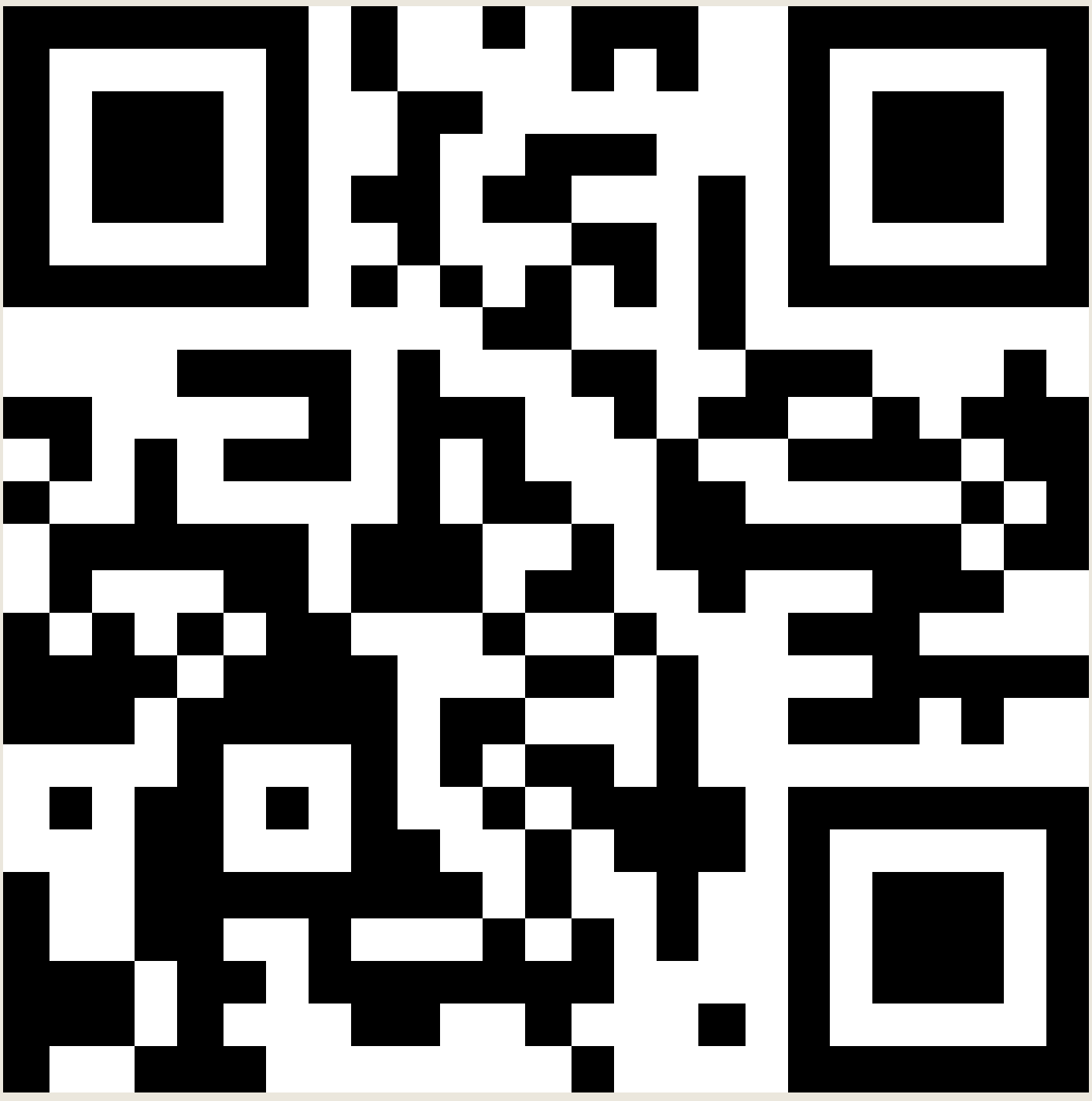
Supervisor:

- Check ID
- Mark completion



Log In

Log Out



Positives

Free

Students complete on own time

Fairly intuitive

Customized to different majors

Adaptable

Challenges

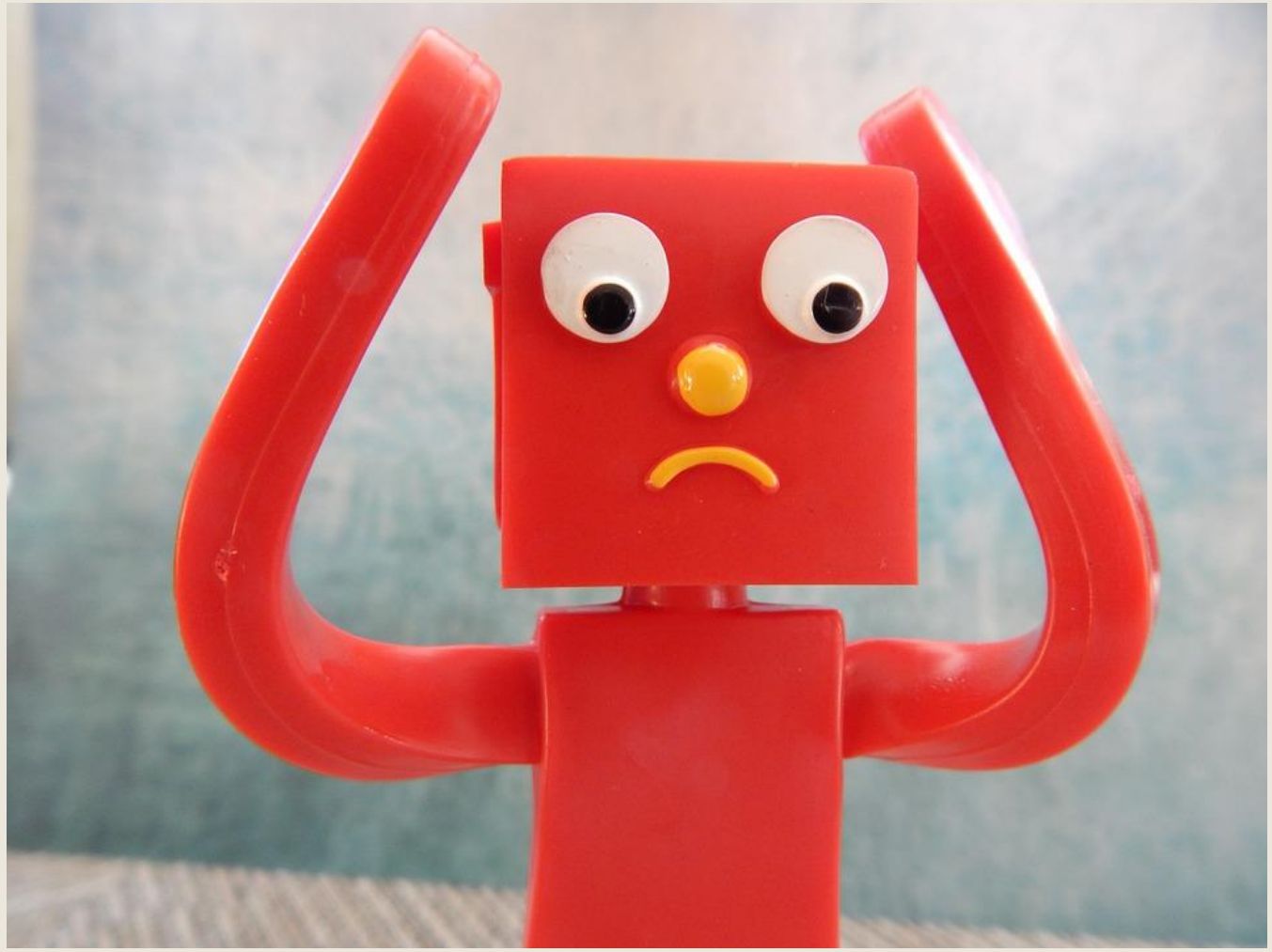
App only for iOS

Technical issues

Students scanning wrong QR codes

Students not reading

Didn’t get material in their hands



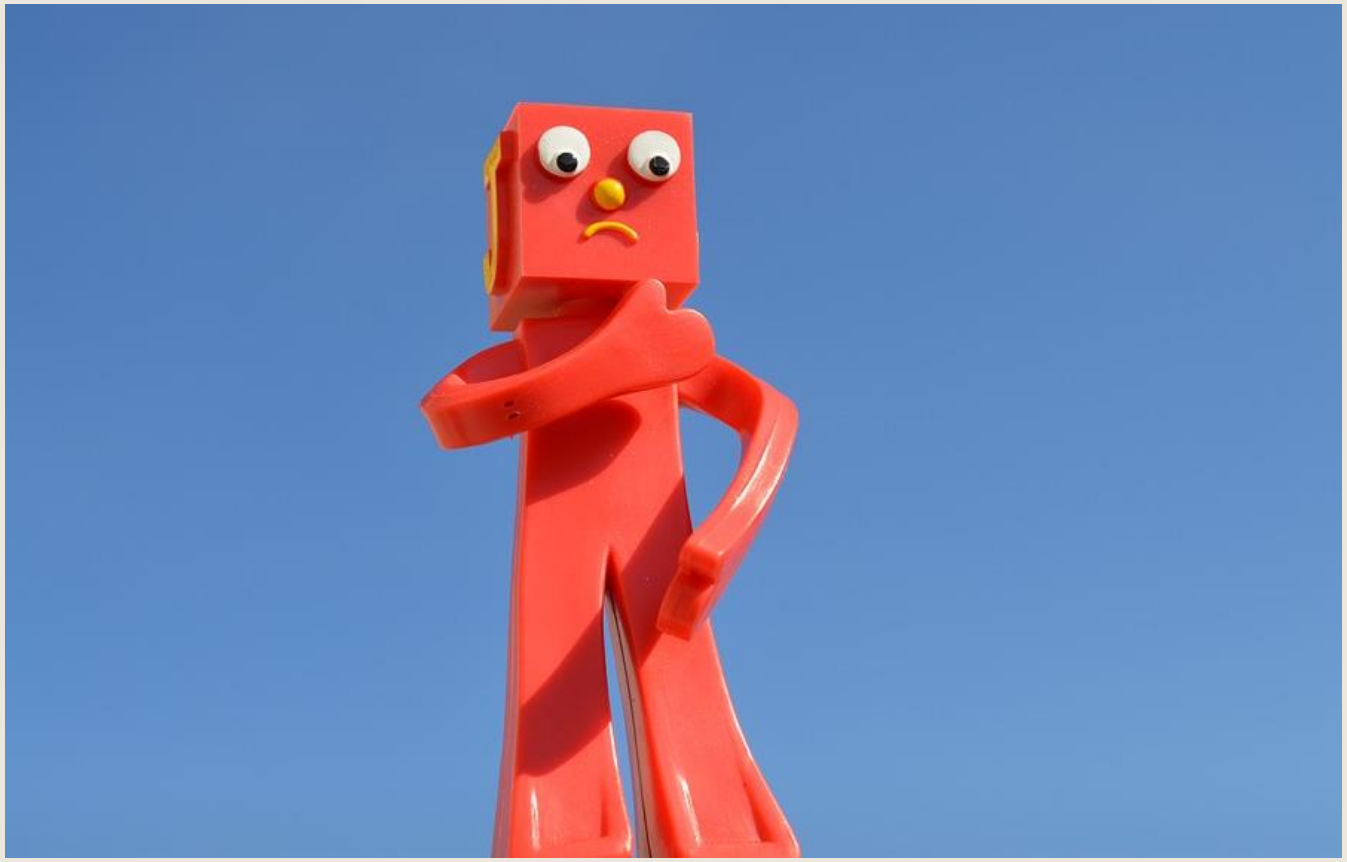
Suggestions

More complex Locks logic

Very distinct clues and locations

Ask users to interact with items

Be ready for breakdowns!



Resources

http://guides.library.berklee.edu/librarygames

https://fielddaylab.org/make/aris/