

Write an *iOS* program for iPhones (using Xcode 8.2.1, iOS 10) to allow adults age 18+ to locate, contact and navigate to one of the pizza restaurant locations listed in the provided property list (see the **Final Exam** folder on Blackboard).

This is an open-note, open-source 1-hour-50-minutes exam, which starts at 8:00 a.m. and ends at 9:50 a.m., May 10, 2017. Submission beyond 9:50 a.m. on this date will automatically earn a zero grade. Also, projects that do not pass build or run automatically earn a zero grade. When you are done, please compress your project file and submit on Blackboard.

Name your program with *YourLastName* iOS Final (example: Rush iOS Final)
Also, use the provided icon images for your app.

FIRST VIEW CONTENT

1. A view title, “*YourLastName* Pizzeria Locations” (e.g. Rush Pizzeria Locations)
2. A search bar to allow the user to search for a location and the app displays matched results in the table view. Selecting on the displayed result takes the user to the Second View (*extra credit*)
3. A table view with each cell containing the following items:
 - A cell title = city name
 - A cell subtitle = street address
 - Calculated distance from user’s current location to the associated location (*extra credit*)

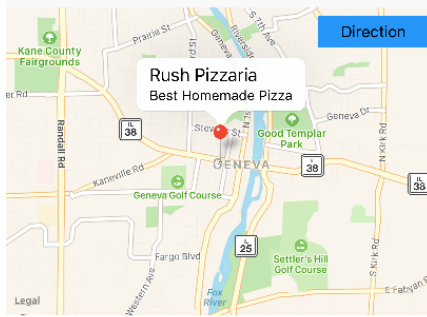
Naperville-Springbrook	4.29 mi	>
1975 Springbrook Square Dr.		
Woodridge	6.72 mi	>
6430 Main Street, Suite 130		
Geneva	8.75 mi	>
330 W. State St.		
Downers Grove	9.70 mi	>
940 Warren Avenue		
Plainfield	12.00 mi	>
14421 Wallin Drive		
Oakbrook	12.36 mi	>
100 E. Roosevelt Road Villa Park		
Addison	13.88 mi	>
1455 West Lake Street		

SECOND VIEW CONTENT

1. A view title using the name of the city sent from the First View
2. A map with pin of the selected location
3. A button, when pressed, takes the user to a separate view (THIRD VIEW) to show highlighted route and directions from the user’s current location to the pinned location.
4. Complete address
 - The street address
 - The city, state and zip code
5. The hours of operations
6. A phone number and a button to call (you may use an alert view to show the phone number and a dismiss button)
7. A button, labeled “ORDER ONLINE,” which takes the user to a separate view to display a web view (FORTH VIEW) using the associated URL included in the property list.

Sample Second View

[Rush Pizzeria Locations](#) **Geneva**



Rush Pizzeria
Best Homemade Pizza

330 W. State St.
Geneva
Illinois, 60441

Sun-Thurs: 11:00 a.m. to 9:00 p.m.
Fri-Sat: 11:00 a.m. to 10:00 p.m.

630-555-5000 [Call](#)

[ORDER ONLINE](#)