

# INFO 690 Survey

**INTRODUCTION:** Before agreeing to participate in this research study, it is important that you read all of the information on this page. It describes the purpose, procedures, benefits, and potential risks of the study, as well as the steps that will be taken to protect your data. This page also describes your right to withdraw from the study at any time.

**PURPOSE OF THE STUDY:** The intent of this study is for the purpose of determining information about who uses map apps and how they use them. This research is part of a class assignment for INFO 690 at Drexel University.

**DURATION OF THE STUDY:** This survey will take approximately 10 minutes or fewer to complete.

**PROCEDURES:** The study is a simple survey, involving a number of multiple choice questions and open ended questions.

**RISKS, DISCOMFORTS, AND PRECAUTIONS:** There are no major risks or discomforts associated with this study. Your participation is voluntary and you may refuse to participate or discontinue participation AT ANY TIME.

**CONFIDENTIALITY:** The results of any aggregate-level analyses may be presented to other parties, but all personal identifiers such as IDs will be excluded from such discussions and publications to protect your identity and maintain the confidentiality of all participants joining this research.

**COMPENSATION:** There is no compensation for this research. We thank you for your time and dedication.

**AVAILABILITY OF INFORMATION:** If you have any questions concerning this study, you may contact Jennifer Bochenek ([jl5599@drexel.edu](mailto:jl5599@drexel.edu)), Tanina Urbanski ([tmu23@drexel.edu](mailto:tmu23@drexel.edu)), or Gustavo Ferreira ([gsf35@drexel.edu](mailto:gsf35@drexel.edu)).

Please read the statement below and indicate whether or not you accept the terms of this consent form.

You have read this consent form and have been able to ask questions and state any concerns. The researcher has responded to your questions and concerns, if any. You believe you understand the research study and the potential benefits and risks that

are involved. By selecting yes below, and continuing with the survey, I am providing my consent.

\* Required

1. Consent \*

*Mark only one oval.*

- ☐ Yes, I consent to participate in this research study
- ☐ No, I do not consent to participate in this research study

Background Information

2. What is your age? \*

*Mark only one oval.*

- ☐ Under 18
- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55+
- ☐ Prefer not to answer

3. What is your gender? \*

*Mark only one oval.*

- ☐ Female
- ☐ Male
- ☐ Prefer not to answer
- ☐ Other: \_\_\_\_\_

4. What is your highest level of education? \*

*Mark only one oval.*

- ☐ Less than high school
- ☐ Graduated high school/high school equivalency
- ☐ Trade/technical school
- ☐ Some college, no degree
- ☐ Associate degree
- ☐ Bachelor's degree
- ☐ Advanced degree (Master's, Ph.D., M.D.)
- ☐ Prefer not to answer
- ☐ Other: \_\_\_\_\_

5. What is your race/ethnicity? \*

*Check all that apply.*

- ☐ Asian
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Black/African-American
- ☐ White
- ☐ Hispanic/Latino
- ☐ American Indian/Alaska Native
- ☐ Prefer not to answer

Other: ☐ \_\_\_\_\_

6. What is your employment status? \*

*Check all that apply.*

- ☐ Currently employed part-time
- ☐ Currently employed full-time
- ☐ Self-employed
- ☐ Retired
- ☐ Unemployed - not looking for a job
- ☐ Unemployed - looking for a job
- ☐ Student
- ☐ Prefer not to answer

Other: ☐ \_\_\_\_\_

7. If you are currently employed, what industry do you work in?

\_\_\_\_\_

8. How tech-savvy are you with... \*

*Mark only one oval per row.*

	Poor	Below Average	Average	Above Average	Excellent
Desktop computer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laptop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Map and Navigation Apps

9. What kind of laptop or desktop do you use? \*

*Mark only one oval.*

☐ Mac

☐ PC

☐ I don't use laptops or desktop computers

☐ Other: \_\_\_\_\_

10. What type of tablet do you use? \*

*Mark only one oval.*

- ☐ Apple
- ☐ Android
- ☐ Microsoft
- ☐ I don't use tablets
- ☐ Other: \_\_\_\_\_

11. What type of phone/mobile do you use? \*

*Mark only one oval.*

- ☐ Apple
- ☐ Android
- ☐ Microsoft
- ☐ I don't use phones
- ☐ Other: \_\_\_\_\_

12. Have you ever used a map or navigation app? \*

*Mark only one oval.*

- ☐ Yes
- ☐ No

13. Which platforms do you use your map applications on? \*

*Check all that apply.*

	Phone/Mobile	Desktop/Laptop	Tablet	Other	Do Not Use this App
Google Maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple Maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waze	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MapQuest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yahoo Maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. If there is another map or navigation app that you have used previously or still use that was not in the list above, please provide it here:

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15. If you selected other for one of the above map and navigation apps, please explain

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Map and Navigation Apps

16. What is your primary goal when you go to use a map or navigation app?

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17. What map or navigation app have you been using the longest? \*

*Mark only one oval.*

☐ Google Maps

☐ Apple Maps

☐ Waze

☐ MapQuest

☐ Yahoo Maps

☐ Other: \_\_\_\_\_



18. How long have you been using maps and navigation apps \*

*Mark only one oval.*

- ☐ Recently started using
- ☐ For over a month
- ☐ For over 6 months
- ☐ For over a year
- ☐ For over 2 years
- ☐ For over 5 years
- ☐ For over 10 years

19. How often do you use your map and navigation app? \*

*Mark only one oval.*

- ☐ Nearly all the time
- ☐ Several times an hour
- ☐ Once an hour
- ☐ Several times a day
- ☐ Once a day
- ☐ Several times a week
- ☐ Once a week
- ☐ Several times a month
- ☐ Once a month
- ☐ Less than once a month

20. Rate the following Map or Navigation features based on level of importance within a map or navigation app (1: Not Important, 5: Very Important) \* \*

*Mark only one oval per row.*

	Not Important	Low Importance	Neutral	Somewhat Important	Very Important
Street View	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Satelite View	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3D view	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrain View	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turn By Turn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Places (buildings on map)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road Speed/Speedometer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AutoComplete	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ride Sharing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Route details based on departure time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoid Routes based on tolls/Highways/etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Live Traffic Updates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed Traps/Cops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Road Hazards (Construction, Water on Road, etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Lane Recommendations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preview Directions before you Go	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Share directions from Desktop to Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suggested Places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Download Routes for Offline Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incognito Mode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add a Stop to your Trip	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View Parking near Destination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remember where you Parked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View how Crowded a Train will Be	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessibility (Wheelchair)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigate by Car	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigate by Train	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigate by Taxi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigate by Motorcycle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigate by Foot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Navigate by Bus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Share Arrival Time with a Friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drop a Pin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Share a Pin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Augmented Reality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adjust Map Icons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sync Calendar Events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time to leave notifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Indoor maps (malls, airports, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interface - Web Browser	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interface - Mobile	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. Are there any features missing from the list above that you feel is important to a map or navigation app? \*

*Mark only one oval.*

☐ Yes

☐ No

22. If you answered yes, what feature(s) are also important to you?

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23. From the list above or from your own added features, which are the most important to you and why? \*

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