English \$

#### Welcome

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# Q1.2. Welcome to our Collaborative Playlist Study!

This survey is designed to better understand music habits and how users interact with collaborative playlists.

Prior to the start of the survey, we will have verification of your eligibility for and an information sheet about our study.

Q1.3. Are you 18 years old or above, and also fluent in English?

- O Yes
- O No

Q1.4. Below is an information sheet of the full study that aims to understand users' general music habits as well as usage of and interactions with music playlists.

This questionnaire is one part of the study and it will take approximately 20 minutes.

You can participate in the other parts of the study by signing up at the end of the survey.

#### Q1.5.

**DESCRIPTION:** You are invited to participate in a research study on music coenjoyment, where we understand how you currently enjoy music, how you share your music with others, and/or how you would co-consume music with others through our prototype. In doing so, we hope to better gauge how to design for human-human collaborations with a computer or machine interface. To this end, we will ask for you to fill out questionnaires, engage in qualitative interviews, and/or test our prototypes for music consumption. For data collection and analyses, we will be video and/or audio recording the sessions. Some of the data you provide may be used for scientific meetings, conferences, etc. and only with your explicit consent will we publish your content outside research or professional settings. Upon the completion of the research, we will discard all the data we will be collecting for the purposes of this research.

**TIME INVOLVEMENT:** Your participation will take up to 90 minutes for a given session. The number of sessions for involvement in the full study depends on your availability and your desired level of participation.

RISKS AND BENEFITS: There are no foreseeable risks associated with this study. The benefits which could result from this study are an awareness of music consumption habits and practices. We cannot and do not guarantee or promise that you will receive any benefits from this study. Your decision whether or not to participate in this study will not affect your employment, medical care, nor grades in school.

**PAYMENTS:** You will receive not receive payment for your participation.

PARTICIPANT'S RIGHTS: If you have read this form and have decided to participate in this project, please understand your participation is voluntary and you have the right to withdraw your consent or discontinue participation at any time without penalty or loss of benefits to which you are otherwise entitled. The alternative is not to participate. You have the right to refuse to answer particular questions. The results of this research study may be presented at scientific or professional meetings or published in scientific journals. Your individual privacy will be maintained in all published and written data resulting from the study. With your permission, your identity will be made known in written materials resulting from the study.

#### **CONTACT INFORMATION:**

**Questions:** If you have any questions, concerns or complaints about this research, its procedures, risks and benefits, contact the Protocol Director, So Yeon Park (syjpark@stanford.edu).

Independent Contact: If you are not satisfied with how this study is being conducted, or if you have any concerns, complaints, or general questions about the research or your rights as a participant, please contact the Stanford Institutional Review Board (IRB) to speak to someone independent of the research team at (650)-723-2480 or toll free at 1-866-680-2906, or email at IRB2-Manager@lists.stanford.edu. You can also write to the Stanford IRB, Stanford University, 3000 El Camino Real, Five Palo Alto Square, 4th Floor, Palo Alto, CA 94306.

**Appointment Contact:** If you need to change your appointment, please contact So Yeon Park (syjpark@stanford.edu).

With your permission, the results from this study will be used for the following purposes:

- (1) Presented at scientific meetings or academic conferences
- (2) Made available as supplementary materials accompanying published manuscripts
- (3) Published in research data repositoriesIf you do not agree with this, please indicate this to the researcher

If you agree to participate in this research, please indicate your consent.

Q1.6. I have read the above information sheet and agree to participate in the study.

0	Yes

O No

#### Intro CP

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Q2.2. For the purposes of this survey, a **collaborative playlist** (or social playlist) is a list of songs that **multiple users** have created using a digital platform. People often make collaborative playlists on iTunes and Spotify to listen to on mobile and physical platforms, and share them with others. What distinguishes collaborative playlists from personal playlists is that they are also modified by **other users**.

Q2.3. Have you ever been a part of a collaborative playlist?

O Yes

O No

No CP

Q3.1. Why have you not engaged in collaborative playlists?
Q3.2. What would motivate you to engage in collaborative playlists?
Q3.3. Would you be interested in initiating a new collaborative playlist or joining an existing collaborative playlist?
O Yes, I would be interested in both initiating and joining a collaborative playlist.
Yes, I would be interested in initiating a collaborative playlist.
Yes, I would be interested in joining a collaborative playlist.
O No, I would be not interested in initiating or joining a collaborative playlist.

## Q3.4. To recap:

For the purposes of this survey, a **collaborative playlist** (or social playlist) is a list of songs that **multiple users** have created using a digital platform. People often make collaborative playlists on iTunes and Spotify to listen to on mobile and physical platforms,

and share them with others. What distinguishes collaborative playlists from personal playlists is that they are also modified by **other users**.

Q3.5. Who might you like to either initiate a new collaborative playlist or join an existing collaborative playlist with? Please select all that apply.
<ul><li>☐ Acquaintances</li><li>☐ Friends</li><li>☐ Family</li><li>☐ Strangers</li><li>☐ Other</li></ul>
Q3.6. What purpose(s) might a collaborative playlist serve for you?
Q3.7. Are there particular reasons why you do not want to engage in collaborative playlists?

# Q3.8. Please select the option that best represents the following statement:

Collaborative playlist(s) could...

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
diversify my music library	0	0	0	0	0
increase ways in which I discover music	Ο	O	0	O	0
require less of my time and effort to discover music	0	0	0	O	0
require less of my time and effort to manage music	0	0	0	O	0
require less of my effort to enjoy music	0	0	0	0	0
	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
make listening to music more enjoyable	0	0	0	0	0
change the music that I	O WRO walkering Courts - UP		O	0	0

Yes CP  Q4.1. What purp	pose(s) do	es a collabo	orative pla	ıylist serve	for you?
					//
oonasorativo pie					
Q3.9. Please sha	•	st thoughts	that you r	may have re	egarding
open to new experiences in general	O	Ο	0	O	0
make me more					
make me appreciate music platforms with collaborative playlists more	Ο	Ο	0	O	0
	agree	a <b>(r)</b> e	dis <b>o</b> ree	Somewhat distorree	Strongly distorree
positively influence my music taste	Strongly agree	Somewhat	Neither		

Q4.2. What features of a collaborative playlist are most important or useful to you?
Q4.3. About how many years ago was your first interaction with a collaborative playlist?
Q4.4. Who were your first collaborators? Please select all that apply.
<ul> <li>□ Acquaintances</li> <li>□ Friends</li> <li>□ Family</li> <li>□ Strangers</li> </ul>
☐ Other

Q4.5. Please select the option that best represents the following statement:

Collaborative playlist(s) have...

112019		Quantities 50	arvey Software		
diversified my music library	agree Strongly agree	agree Somewhat agree	agree nor distoree	disagree Somewhat disagree	disagree Strongly disagree
increased ways in which I discover music	0	0	0	0	0
required less of my time and effort to discover music	0	0	0	0	0
required less of my time and effort to manage music	0	0	0	0	0
required less of my effort to enjoy music	0	0	0	0	0
	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
made listening to music more enjoyable	0	0	0	0	0
changed the music that I listen to	0	0	0	0	0
positively influenced my music taste	Ο	0	0	0	0

made me appreciate Qualtrics Survey Software

2/27/2019

music

#### **Favorite CP**

- Q5.1. The following will be questions regarding \${q://QID265/ChoiceTextEntryValue}.
- Q5.2. Who initiated \${q://QID265/ChoiceTextEntryValue}?
- O Me
- My collaborator(s)
- O Me and my collaborator(s)
- Q5.3. About how many years ago was \${q://QID265/ChoiceTextEntryValue} initiated?



Q5.4. How many collaborators are on \${q://QID265/ChoiceTextEntryValue} including yourself?



- Q5.5. How would you characterize your relationship with your collaborator(s) on \${q://QID265/ChoiceTextEntryValue}? Please select all that apply.
- Acquaintance(s)

Friend(s)			
☐ Family			
Stranger(s)			
Other			
Q5.6. What is the p	olatform you use	e to engage	
in \${q://QID265/Ch	-		
<b>A</b>			
▼			
Q5.7. If you selected	ed "Other" in the	e question abov	e, please specify.
Q5.8. What is the s	status of \$5a://C	ND265/ChaiceTe	evtEntn//alue}?
QJ.O. WHAT IS THE S	,ιαιυς οι ψία.// ς	(ID203/CHOICE N	extenti y value;
	Yes	No	Not sure
I still listen to it	0	0	0
Other collaborator(s)	$\circ$	$\circ$	$\circ$
still listen to it		O	O
I still update it	0	0	O
Other collaborator(s)	$\cap$	$\circ$	$\circ$
still update it	O		

Q5.9. What was the initial purpose for creating \$\{q://QID265/ChoiceTextEntryValue}\?
Please specify for the options with text boxes.
To share music over a fixed period of time
■ To keep a record of music shared continuously over time
For a specific event (e.g., party)
_
For a specific function (e.g., exercising, studying)
Oth or
■ Other
Q5.10. Has the
purpose of \${q://QID265/ChoiceTextEntryValue} evolved over
time? If "yes", please specify how it has evolved.
O Yes
O No

Q5.11. What are the characteristics of \${q://QID265/ChoiceTextEntryValue} that make it your favorite collaborative playlist?

Q5.12. Which of the statements do you agree with? Please select all that apply.
☐ I have saved song(s) from \${q://QID265/ChoiceTextEntryValue} to my personal playlist(s).
☐ I have saved \${q://QID265/ChoiceTextEntryValue} as a separate personal playlist(s).
I have saved \${q://QID265/ChoiceTextEntryValue} onto a device I use often.
Other
■ None of the above.
Q5.13. When and where have you listened
to \${q://QID265/ChoiceTextEntryValue}? (e.g., event, location)

Q5.14. Please select the option that best represents the following statement:

\${q://QID265/ChoiceTextEntryValue} contains music that...

2.7.2013		Qualities Sui	rej germane		
	All	Mostly	About half	Some / Few	None
I enjoy listening to	0	0	0	0	0
is suggested by friend / family / acquaintance	0	0	0	0	0
is suggested by strangers (e.g., someone who you don't know but follow on Twitter, music critics)	Ο	0	0	0	0
is recommended by streaming service / Al	0	0	0	0	0
is encountered in everyday life (e.g., on the radio)	0	0	0	0	0
	All	Mostly	About half	Some / Few	None
has good lyrics	0	0	0	0	0
has good transitions between songs	0	0	0	0	0
fulfills a function	0	0	0	0	0
evokes memories	0	0	0	0	0
is familiar	0	0	0	0	0
	All	Mostly	About half	Some / Few	None
is new	0	0	0	0	0

	All	Mostly	About half	Some / Few	None
is similar to other music that I listen to	0	0	0	0	0
is / feels personalized	0	0	0	0	0
is / feels collaboratively curated	0	0	0	0	0

Q5.15. If there are any other traits of \${q://QID265/ChoiceTextEntryValue} that are not covered above, please list them below.

Q5.16. Please select the frequency with which you perform the following actions for \${q://QID265/ChoiceTextEntryValue}.

	Always	Often	Sometimes	Rarely	Never
Check (e.g., see if new songs were added)	0	0	0	0	0
Listen / play alone	0	0	0	0	0
Listen / play with others	O	0	0	0	0
Contribute (e.g., modify, add, delete)	0	0	Ο	0	0

Share (e.g., tell others about the playlist, post on social media)	Always	Often	Sometimes	Rarely	Never
Other	0	0	0	0	0

*Q5.17.* Please select your level of contribution to \${q://QID265/ChoiceTextEntryValue} for the following actions with relation to **playlist management**.

	Lead / Primary	Equal to others	Supporting	Minimal	None
Playlist name	0	0	0	0	0
Playlist cover image	0	0	0	0	0
Playlist description	0	0	0	0	0
Collaborator addition / removal	0	0	0	0	0
Playlist music management	0	0	0	0	0
Other	0	0	0	0	0

Q5.18. Please select your role of contribution to \${q://QID265/ChoiceTextEntryValue} for the following actions with relation to **music management**.

	Equal			
Lead /	to			
Primary	others	Supporting	Minimal	None

Adding music	O	qualtrics Survey Softw	ware	O	O			
Deleting music	Lead /	<b>6</b>	0	0	0			
Reordering music	Primary	others S	Supporting	Minimal	None			
Other	0	O	0	0	0			
Q5.19. Describe the contribution levels to \${q://QID265/ChoiceTextEntryValue} made by you and your collaborator(s) using the following words as needed: Lead / primary, equal to others, support, minimal, none.								
Examples:  "I have 3 collaborators not including myself. I take the lead role, 1 collaborator supports, and the other 2 collaborators contribute minimally"  "I have 5 collaborators not including myself. 1 collaborator takes the lead role and the rest (including myself) have equal contributions"								
					//			
Q5.20. Which of the following statements best represents your sentiment towards \${q://QID265/ChoiceTextEntryValue} in general?								
O The playlist belongs to	me.							
O The playlist belongs to	my collab	orator(s).						

O The playlist belongs to me and my collaborator(s).

Q5.21. Please select the option that best represents the following statement:

The songs that my collaborator(s) **not including myself** have contributed to \${q://QID265/ChoiceTextEntryValue} are...

			Neither agree		
	Strongly agree	Somewhat agree	nor disagree	Somewhat disagree	Strongly disagree
my songs	0	0	0	0	0
songs in my playlist	0	0	0	0	0
songs in our collaborative playlist	0	0	0	0	0
songs belonging equally to me and my collaborator(s)	0	0	0	0	0
my collaborator(s)'s songs in our collaborative playlist	0	0	0	0	0

my collaborator(s)'s sonas in mv









playlist

Neither agree

Q5.22. Do you feel that you and your collaborator(s) for \${q://QID265/ChoiceTextEntryValue} are a group?

O Yes

O No

Other

Q5.23. Please select the option that best represents the following statement:

\${q://QID265/ChoiceTextEntryValue} has...

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
made us enjoy music more as a group than as separate individuals	0	0	0	0	0
heightened our dependence on each other	0	0	0	0	0

strengthened our group









Qualtrics Survey Software chemistry Neither strengthened Strongly Somewhat agree nor Somewhat Strongly disagree disadree disadree our identity as adree adree a group **Suggestions** Q6.1. What are some shortcomings that you see in today's collaborative playlist platforms? Q6.2. What are some features that you believe would enhance the collaboration between you and your playlist collaborators? Q6.3. Please share any last thoughts that you may have regarding

### **Music Habits**

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Q7.2. You are almost done! Below are a few questions regarding general music habits.

Q7.3. Please select the option that best represents your opinion on the following statements over the past 5 years.

	Strongly agree	Somewhat agree	•		Strongly disagree
In my case, personally, connecting with others through music has declined.	0	0	0	0	0

personally, music has helped to connect with others.	Str <b>en</b> gly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strengly disagree
In general, connecting with others through music has declined.	0	0	O	0	0
In general, music has helped people connect with others.	0	0	0	0	0

# Q7.4. How important are these activities to your social relationships?

	Very important	Somewhat important	Neither important nor unimportant	Somewhat unimportant	Very unimportar
Experiencing musical events with others	0	0	0	0	0
Performing or creating music with others	0	0	0	0	0
Listening to recorded music with others	0	0	0	0	0

	Very important	Somewhat important	Neither important nor unimportant	Somewhat unimportant	Very unimportar
Sharing music with others	0	0	0	0	0
Discussing music with others	0	0	0	0	0
Having non- musical interactions with others	O	0	0	0	0

# Q7.5. How often do you perform the following activities?

		ONLINE						OFFLIN	E
	At least once per day	At least once per week	At least once per month	A few times per year or less	Never	At least once per day	At least once per week	At least once per month	A few times per year or less
Experiencing musical events with others	0	0	0	0	0	0	0	0	0
Performing or creating music with others	0	0	0	0	0	0	0	0	0

	ONLINE							OFFLIN	E
	At least once per day	At least once per week	At least once per month	A few times per year or less	Never	At least once per day	At least once per week	At least once per month	A few times per year or less
Listening to recorded music with others	0	0	0	0	0	0	0	0	0
Sharing music with others	0	0	0	0	0	0	0	0	0
Discussing music with others	0	0	0	0	0	0	0	0	0
Having non- musical interactions with others	0	0	0	0	0	0	0	0	0

# Q7.6. How often do you engage in the following activities?

	At least once per day	At least once per week	At least once per month	A few times per year or less	Never
Listening to music	O	O	O	0	O
Discovering new music	0	0	0	0	0

	At least once per day	At least once per week	At least once per month	A few times per year or less	Never
Saving music on device	0	0	0	0	0
Grouping / classifying music (e.g., personal playlist)	0	0	0	0	0
Sharing music	0	0	0	0	0
Keeping tabs / saving information on music	0	0	0	0	0
Engaging in collaborative playlist	0	0	0	0	0

Q7.7. What is the **most dominant** platform you use for each of the following activities? Please select "N/A" for activities that do not apply.

Listening to music	•
Discovering new music	<b>\$</b>
Saving music on device	<b>\$</b>
Grouping / classifying music (e.g., personal playlist)	
Sharing music	<b>\$</b>
Keeping tabs / saving information on music	<b>\$</b>
Engaging in collaborative playlist	<b>4</b>

Q7.8. If you selected "Other" in the question above, please specify.

Q7.9. Please rank who you share and / or discuss music the most with (1 for most, 5 for least).

Acquaintances

Family

Friends

Strangers

Other

Q7.10. Please select the option that best represents the following statement:

I often enjoy listening to music that...

Neither agree

Strongly Somewhat nor Somewhat Strongly agree agree disagree disagree

is suggested by

triend / tamily / acquaintance	U	Qualtrics Su	rvey Software Neitner	U	U
is suggested by strangers (e.g.,	Strongly agree	Somewhat agree	agree nor disagree	Somewhat disagree	Strongly disagree
someone who I don't know but follow on Twitter, music critics)	0	0	0	O	0
is recommended by streaming service / Al	0	O	Ο	O	0
is encountered in everyday life (e.g., on the radio)	0	0	0	O	0
has good lyrics	0	0	O Neither	O	0
	Strongly agree		agree nor disagree	Somewhat disagree	Strongly disagree
has good transitions between songs	0	0	0	0	0
fulfills a function	0	0	0	0	0
evokes memories	0	0	0	0	0
is familiar	0	0	O	O	0
is new	0	0	0	0	0

Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
0	0	0	0	0
0	0	0	0	0
0	0	0	O	0
	• •		Strongly Somewhat nor	Strongly agree agree nor disagree Somewhat agree O O O

# **Demographics**

Q8.1. Please fill in your demographic information for study analysis purposes.

Age	
Gender	
Occupation	
Highest level of education	
Current country of residence	

Q8.2. Is the country indicated above the culture that you identify with? If you identify with another culture, please specify in the text box following "No."

O Yes



#### Q8.3. Browser Meta Info

This question will not be displayed to the recipient.

Browser: Chrome

Version: **72.0.3626.119** 

Operating System: Macintosh

Screen Resolution: 1680x1050

Flash Version: -1

Java Support: 0

User Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_14\_0)

AppleWebKit/537.36 (KHTML, like Gecko) Chrome/72.0.3626.119

Safari/537.36

## Thank you

Q9.1. (Optional) We are continuing this research with in-person and online interviews as the second part of the study. Please enter your contact information below if you would like to participate in the next phase of this study.

Name	
Email	