United States Patent	12389061
Kind Code	B1
Date of Patent	August 12, 2025
Inventor(s)	Boelte; Dylan Otto et al.

User interfaces of applications for playing or creating media programs

Abstract

A page is generated for a media program based on an image associated with the media program, such as an image of a creator of the media program. A predominant color within the image is identified, and a first color that is proximate or similar to the predominant color is selected from a color palette. A second color is selected as a counterpart to the first color. Code for a page including a section in the first color and a section in the second color, as well as the image, is generated and transmitted to a device for display by a user interface of an application for playing media. The page also includes interactive features enabling a listener to participate in the media program, and visual features identifying a participant speaking during the media program or one or more attributes of the speech of the participant.

Inventors: **Boelte; Dylan Otto (Fairfax, CA), Gladstone; Michael (Los Angeles, CA), Singh; Saba (San Francisco, CA)**

Applicant: **Amazon Technologies, Inc.** (Seattle, WA)

Family ID: **1000006302187**

Assignee: **Amazon Technologies, Inc. (Seattle, WA)**

Appl. No.: **17/710487**

Filed: **March 31, 2022**

Publication Classification

Int. Cl.: **H04N21/431** (20110101); **G06T7/90** (20170101); **H04N21/482** (20110101)

U.S. Cl.:

CPC **H04N21/4312** (20130101); **G06T7/90** (20170101); **H04N21/482** (20130101); G06T2207/10024 (20130101)

Field of Classification Search

CPC: H04N (21/4312); H04N (21/482); G06T (7/90); G06T (2207/10024)

References Cited

U.S. PATENT DOCUMENTS

Patent No.	Issued Date	Patentee Name	U.S. Cl.	CPC
5832435	12/1997	Silverman	N/A	N/A
8023800	12/2010	Concotelli	N/A	N/A
8560683	12/2012	Funk et al.	N/A	N/A
8572243	12/2012	Funk et al.	N/A	N/A
8768782	12/2013	Myslinski	N/A	N/A
8850301	12/2013	Rose	N/A	N/A
9001178	12/2014	Leske et al.	N/A	N/A
9003032	12/2014	Funk et al.	N/A	N/A
9369740	12/2015	Funk et al.	N/A	N/A
9613636	12/2016	Gibbon et al.	N/A	N/A
9706253	12/2016	Funk et al.	N/A	N/A
9729596	12/2016	Sanghavi et al.	N/A	N/A
9781491	12/2016	Wilson	N/A	N/A
9872069	12/2017	Funk et al.	N/A	N/A
10015589	12/2017	Ebenezer	N/A	N/A
10083169	12/2017	Ghosh et al.	N/A	N/A
10091547	12/2017	Sheppard et al.	N/A	N/A
10110952	12/2017	Gupta et al.	N/A	N/A
10135887	12/2017	Esser et al.	N/A	N/A
10140364	12/2017	Diamondstein	N/A	N/A
10178422	12/2018	Panchaksharaiah et al.	N/A	N/A
10178442	12/2018	Shkedi	N/A	N/A
10264213	12/2018	Sculley	N/A	N/A
10313726	12/2018	Woods et al.	N/A	N/A
10356476	12/2018	Dharmaji	N/A	N/A
10432335	12/2018	Bretherton	N/A	N/A
10489395	12/2018	Lakkur et al.	N/A	N/A
10685050	12/2019	Krishna et al.	N/A	N/A
10698906	12/2019	Hargreaves et al.	N/A	N/A
10700648	12/2019	Lesso	N/A	N/A
10719837	12/2019	Kolowich et al.	N/A	N/A
10769678	12/2019	Li	N/A	N/A
10846330	12/2019	Shilo	N/A	N/A
10893329	12/2020	Trim et al.	N/A	N/A
10985853	12/2020	Bretherton	N/A	N/A
10986064	12/2020	Siegel et al.	N/A	N/A
10997240	12/2020	Aschner et al.	N/A	N/A
11431660	12/2021	Leeds et al.	N/A	N/A
11451863	12/2021	Benjamin et al.	N/A	N/A

11463772	12/2021	Wanjari et al.	N/A	N/A
11521179	12/2021	Shetty	N/A	N/A
11539845	12/2021	Fowers et al.	N/A	N/A
11580982	12/2022	Karnawat et al.	N/A	N/A
11586344	12/2022	Balagurunathan et al.	N/A	N/A
11605387	12/2022	Muralitharan et al.	N/A	N/A
11900902	12/2023	Martinez Ramirez et al.	N/A	N/A
11916981	12/2023	Karnawat et al.	N/A	N/A
2002/0042920	12/2001	Thomas et al.	N/A	N/A
2002/0056087	12/2001	Berezowski et al.	N/A	N/A
2003/0117486	12/2002	Ferren et al.	N/A	N/A
2004/0057586	12/2003	Licht	N/A	N/A
2005/0201360	12/2004	Redstone	N/A	N/A
2005/0213726	12/2004	Rodman	N/A	N/A
2005/0213734	12/2004	Rodman	N/A	N/A
2005/0213735	12/2004	Rodman et al.	N/A	N/A
2006/0018457	12/2005	Unno et al.	N/A	N/A
2006/0018458	12/2005	McCree et al.	N/A	N/A
2006/0268667	12/2005	Jellison et al.	N/A	N/A
2007/0124756	12/2006	Covell et al.	N/A	N/A
2007/0271518	12/2006	Tischer et al.	N/A	N/A
2007/0271580	12/2006	Tischer et al.	N/A	N/A
2008/0086742	12/2007	Aldrey et al.	N/A	N/A
2008/0201424	12/2007	Darcie	N/A	N/A
2009/0044217	12/2008	Lutterbach et al.	N/A	N/A
2009/0076917	12/2008	Jablokov et al.	N/A	N/A
2009/0100098	12/2008	Feher et al.	N/A	N/A
2009/0254934	12/2008	Grammens	N/A	N/A
2009/0298417	12/2008	Phillips	N/A	N/A
2010/0088187	12/2009	Courtney et al.	N/A	N/A
2010/0280641	12/2009	Harkness et al.	N/A	N/A
2011/0063406	12/2010	Albert et al.	N/A	N/A
2011/0067044	12/2010	Albo	N/A	N/A
2011/0267419	12/2010	Quinn et al.	N/A	N/A
2012/0040604	12/2011	Amidon et al.	N/A	N/A
2012/0191774	12/2011	Bhaskaran et al.	N/A	N/A
2012/0304206	12/2011	Roberts et al.	N/A	N/A
2012/0311444	12/2011	Chaudhri	715/716	G11B 27/34
2012/0311618	12/2011	Blaxland	N/A	N/A
2012/0331168	12/2011	Chen	N/A	N/A
2013/0074109	12/2012	Skelton et al.	N/A	N/A
2013/0247081	12/2012	Vinson et al.	N/A	N/A
2013/0253934	12/2012	Parekh et al.	N/A	N/A
2014/0019225	12/2013	Guminy et al.	N/A	N/A
2014/0040494	12/2013	Deinhard et al.	N/A	N/A
2014/0068432	12/2013	Kucharz	715/716	G06Q 10/107
2014/0073236	12/2013	Iyer	N/A	N/A
2014/0108531	12/2013	Klau	N/A	N/A

2014/0123191	12/2013	Hahn et al.	N/A	N/A
2014/0228010	12/2013	Barbulescu et al.	N/A	N/A
2014/0325557	12/2013	Evans et al.	N/A	N/A
2014/0372179	12/2013	Ju et al.	N/A	N/A
2015/0095014	12/2014	Marimuthu	N/A	N/A
2015/0163184	12/2014	Kanter et al.	N/A	N/A
2015/0242068	12/2014	Losey et al.	N/A	N/A
2015/0248798	12/2014	Howe et al.	N/A	N/A
2015/0254056	12/2014	Walker et al.	N/A	N/A
2015/0289021	12/2014	Miles	N/A	N/A
2015/0319472	12/2014	Kotecha et al.	N/A	N/A
2015/0326922	12/2014	Givon et al.	N/A	N/A
2016/0027196	12/2015	Schiffer	715/202	G06F 40/106
2016/0093289	12/2015	Pollet	N/A	N/A
2016/0188728	12/2015	Gill et al.	N/A	N/A
2016/0217488	12/2015	Ward et al.	N/A	N/A
2016/0224311	12/2015	Touch et al.	N/A	N/A
2016/0266781	12/2015	Dandu et al.	N/A	N/A
2016/0291926	12/2015	Hundemer	N/A	N/A
2016/0293036	12/2015	Niemi et al.	N/A	N/A
2016/0330529	12/2015	Byers	N/A	N/A
2017/0127136	12/2016	Roberts et al.	N/A	N/A
2017/0164357	12/2016	Fan et al.	N/A	N/A
2017/0193531	12/2016	Fatourechi et al.	N/A	N/A
2017/0213248	12/2016	Jing et al.	N/A	N/A
2017/0289617	12/2016	Song et al.	N/A	N/A
2017/0329466	12/2016	Krenkler et al.	N/A	N/A
2017/0366854	12/2016	Puntambekar et al.	N/A	N/A
2018/0025078	12/2017	Quennesson	N/A	N/A
2018/0035142	12/2017	Rao et al.	N/A	N/A
2018/0061393	12/2017	Osotio	N/A	N/A
2018/0184213	12/2017	Lesimple et al.	N/A	N/A
2018/0205797	12/2017	Faulkner	N/A	N/A
2018/0227632	12/2017	Rubin et al.	N/A	N/A
2018/0255114	12/2017	Dharmaji	N/A	G06F 16/435
2018/0293221	12/2017	Finkelstein et al.	N/A	N/A
2018/0322411	12/2017	Wang et al.	N/A	N/A
2018/0367229	12/2017	Gibson et al.	N/A	N/A
2019/0052934	12/2018	Groves et al.	N/A	N/A
2019/0065610	12/2018	Singh	N/A	N/A
2019/0132636	12/2018	Gupta et al.	N/A	N/A
2019/0156196	12/2018	Zoldi et al.	N/A	N/A
2019/0171762	12/2018	Luke et al.	N/A	N/A
2019/0273570	12/2018	Bretherton	N/A	N/A
2019/0327103	12/2018	Niekrasz	N/A	N/A
2019/0364359	12/2018	Ferguson et al.	N/A	N/A
2019/0385600	12/2018	Kim	N/A	N/A
2020/0021888	12/2019	Brandao et al.	N/A	N/A

2020/0106885	12/2019	Koster et al.	N/A	N/A
2020/0160458	12/2019	Bodin et al.	N/A	N/A
2020/0226418	12/2019	Dorai-Raj et al.	N/A	N/A
2020/0279553	12/2019	McDuff et al.	N/A	N/A
2020/0364727	12/2019	Scott-Green et al.	N/A	N/A
2021/0090224	12/2020	Zhou	N/A	G09G 5/377
2021/0104245	12/2020	Alas et al.	N/A	N/A
2021/0105149	12/2020	Roedel et al.	N/A	N/A
2021/0125054	12/2020	Banik et al.	N/A	N/A
2021/0160588	12/2020	Joseph et al.	N/A	N/A
2021/0210102	12/2020	Huh et al.	N/A	N/A
2021/0217413	12/2020	Tushinskiy et al.	N/A	N/A
2021/0224319	12/2020	Ingel et al.	N/A	N/A
2021/0232577	12/2020	Ogawa et al.	N/A	N/A
2021/0256086	12/2020	Askarian et al.	N/A	N/A
2021/0281925	12/2020	Shaikh et al.	N/A	N/A
2021/0366462	12/2020	Yang et al.	N/A	N/A
2021/0374391	12/2020	Jorasch et al.	N/A	N/A
2021/0407520	12/2020	Neckermann	N/A	G10L 17/16
2022/0038783	12/2021	Wee	N/A	N/A
2022/0038790	12/2021	Duan et al.	N/A	N/A
2022/0159377	12/2021	Wilberding et al.	N/A	N/A
2022/0223286	12/2021	Lach et al.	N/A	N/A
2022/0230632	12/2021	Maitra et al.	N/A	N/A
2022/0254348	12/2021	Tay et al.	N/A	N/A
2022/0286748	12/2021	Dyer et al.	N/A	N/A
2022/0369034	12/2021	Kumar et al.	N/A	N/A
2022/0415327	12/2021	Fowers et al.	N/A	N/A
2022/0417297	12/2021	Daga et al.	N/A	N/A
2023/0036192	12/2022	Alakoye	N/A	N/A
2023/0085683	12/2022	Turner	N/A	N/A
2023/0217195	12/2022	Poltorak	N/A	N/A
2024/0031489	12/2023	Lundin et al.	N/A	N/A
2024/0289086	12/2023	Korb et al.	N/A	N/A

FOREIGN PATENT DOCUMENTS

Patent No.	Application Date	Country	CPC
2013204532	12/2013	AU	N/A
2977959	12/2015	CA	N/A
104813305	12/2014	CN	N/A
112020002288	12/2021	DE	N/A
20170079496	12/2016	KR	N/A
2019089028	12/2018	WO	N/A

OTHER PUBLICATIONS

“Tableau” https://www.tableau.com/blog/introducing-profile-page-sleek-tableau-public-viz Jul. 21, 2021 . (Year: 2021). cited by examiner
“Tableau” https://www.tableau.com/blog/introducing-profile-page-sleek-tableau-public-viz Jul. 21,

2021. cited by examiner
Arora, S. et al., “A Practical Algorithm for Topic Modeling with Provable Guarantees,” Proceedings in the 30th International Conference on Machine Learning, JMLR: W&CP vol. 28, published 2013 (Year: 2013), 9 pages. cited by applicant
Github, “Spotify iOS SDK,” GitHub.com, GitHub Inc. and GitHub B.V., Feb. 17, 2021, available at URL: https://github.com/spotify/ios-sdk#how-do-app-remote-calls-work, 10 pages. cited by applicant
Stack Overflow, “Audio mixing of Spotify tracks in IOS app,” stackoverflow.com, Stack Overflow Network, Jul. 2012, available at URL: https://stackoverflow.com/questions/11396348/audio-mixing-of-spotify-tracks-in-ios-app, 2 pages. cited by applicant
Hoegen, Rens, et al. “An End-to-End Conversational Style Matching Agent.” Proceedings of the 19th ACM International Conference on Intelligent Virtual Agents. 2019, pp. 1-8. (Year: 2019). cited by applicant
Tengeh, R. K., & Udoakpan, N. (2021). Over-the-Top Television Services and Changes in Consumer Viewing Patterns in South Africa. Management Dynamics in the Knowledge Economy. 9(2), 257-277. DOI 10.2478/mdke-2021-0018 ISSN: 2392-8042 (online) www.managementdynamics.ro; URL: https://content.sciendo.com/view/journals/mdke/mdke-overview.xml. cited by applicant

---

Primary Examiner: Keaton; Sherrod L

Attorney, Agent or Firm: Athorus, PLLC

Background/Summary

BACKGROUND

(1) Today, many media programs are broadcast “live” to viewers or listeners over the air, e.g., on radio or television, or streamed or otherwise transmitted to the viewers or listeners over one or more computer networks which may include the Internet in whole or in part. Episodes of such media programs may include music, comedy, “talk” radio, interviews or any other content. Alternatively, media programs may be presented to viewers or listeners in a pre-recorded format or “on demand,” thereby permitting such other viewers or listeners to receive a condensed viewing or listening experience of the media program, after the media program was already aired and recorded at least once.

(2) Media programs may be played by viewers or listeners using an ever-growing number of systems such as automobiles, desktop computers, laptop computers, media players, smartphones, smart speakers, tablet computers, televisions, wristwatches, or other like machines. For example, a viewer or a listener may commonly initiate a playing of a media program by one or more interactions with a user interface rendered on a display. The viewer or listener may use a finger, a mouse or another implement to interact with one or more interactive features rendered in a user interface, e.g., to select a media program, to initiate a playing of the media program, or to take any other actions in association with the media program.

(3) A user interface of an application for playing media programs typically includes information regarding such media programs, e.g., a title of a media program, a name of a creator or a host of the media program, an image associated with the media program, or other identifying information relating to the media program, as well as one or more controls for initiating or terminating a playing of the media program, e.g., “play” or “pause” buttons. A listener who is interested in listening to a media program may browse through pages generated for media programs, and read or

interpret information or data displayed within such pages when determining whether to listen to a media program, or when selecting one of the media programs for listening.
(4) User interfaces of applications for playing media programs are typically static in nature, within limited to no variability in information displayed for different media programs. Moreover, where a media program includes multiple participants, e.g., a creator or host, and one or more guests, a user interface is typically incapable of indicating which of the participants is speaking at any given moment. Additionally, where a media program is broadcast “live” to devices of listeners, such user interfaces do not commonly enable a listener to “call in,” or join, a media program that is then in progress.
(5) Furthermore, applications for playing media programs typically do not permit a viewer or a listener to become a creator of media. Instead, the viewer or listener must instead utilize separate and typically unrelated applications to view or listen to media content, and to create or host media content.

Description

BRIEF DESCRIPTION OF THE DRAWINGS
(1) The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.
(2) FIGS. **1**A through **1**E are views of aspects of one system for playing media in accordance with embodiments of the present disclosure.
(3) FIGS. **2**A and **2**B are block diagrams of components of one system for playing media in accordance with embodiments of the present disclosure.
(4) FIG. **3** is a view of aspects of one system for playing media in accordance with embodiments of the present disclosure.
(5) FIG. **4** is a flow chart of one process for generating an application for playing media in accordance with embodiments of the present disclosure.
(6) FIGS. **5**A and **5**B are views of aspects of one system for playing media in accordance with embodiments of the present disclosure.
(7) FIG. **6** is a flow chart of one process for playing media in accordance with embodiments of the present disclosure.
(8) FIGS. **7**A through **7**D are views of aspects of one system for playing media in accordance with embodiments of the present disclosure.
(9) FIG. **8** is a view of aspects of one system for playing media in accordance with embodiments of the present disclosure.
(10) FIGS. **9**A through **9**H are views of aspects of one system for playing or creating media in accordance with implementations of the present disclosure.
DETAILED DESCRIPTION
(11) As is set forth in greater detail below, the present disclosure is directed to user interfaces of applications for playing or creating media programs. More specifically, in some implementations, systems and methods of the present disclosure are directed to generating visual themes for user interfaces with colors or other features that are selected for media programs, based on information or data regarding the media programs or creators thereof.
(12) Colors or other features of a visual theme may be selected based on attributes of an image associated with a media program, including a first color selected based on a predominant color of the image, and a second color selected as a counterpart to the first color. An application for playing media programs may be programmed or configured to display user interfaces having images, icons or other features regarding a creator or a host of the media program in a manner consistent with a

visual theme, as well as images, icons or other features regarding any other participants in the media program, e.g., guests on the media program. The applications may further be configured to display user interfaces having one or more dynamic features for indicating which of a plurality of participants in a media program is audibly contributing to a media program at a given time, or for indicating one or more attributes of his or her audible contributions, e.g., colors or other attributes representing frequencies, intensities or other attributes, in a manner consistent with the visual theme. The user interfaces may also include one or more interactive features (e.g., buttons) that, when selected, enable a listener to join a media program in progress, or permit a listener to become a creator or a host of another media program.

(13) Referring to FIGS. **1**A through **1**E, views of aspects of one system for playing media in accordance with embodiments of the present disclosure are shown. As is shown in FIG. **1**A, a mobile device **182** includes a user interface **120-1** rendered on a display **185**. The user interface **120-1** is associated with a media program, and may be a page, a card (e.g., a page having finite dimensions), a window, or any other visual element that may be configured for displaying information or data to users of applications for playing or creating media programs.

(14) The user interface **120-1**, and other user interfaces associated with the media program, may be displayed with colors or other features that are selected in accordance with a visual theme established for the media program. The user interface **120-1** includes a first section **122** in a first color C.sub.1-1, a second section **124** in a second color C.sub.1-2, and a third section **126** in a third color C.sub.1-3, with an image **128** displayed thereon. The user interface **120-1** also includes a title **130** or another label identifying the media program, and an identifier **115** of a creator (or a host) of the media program. The user interface **120-1** also includes an interactive feature **132** that, upon a selection by a listener, may enable the listener to become a creator of a media program, and may cause one or more user interfaces (e.g., pages, cards, windows or others) for designating or establishing one or more parameters of a media program, or initiating transmission of media content in accordance with the media program, to be displayed on the display **185**.

(15) The user interface **120-1** further includes a plurality of tags **134** or other phrases identifying subjects or topics of the media program, as well as an indicator **135** that the media program is being aired "live," or in real time or near-real time as media content of the media program is generated, subject to any intentional or regulatory delays that may be required or relevant to the media program. The user interface **120-1** also includes an identifier **136** of a number of listeners to the media program and an identifier **138** of a number of such listeners who have provided a positive rating or interaction regarding the media program. The user interface **120-1** further includes an icon **188** that may be selected to access or identify information regarding a listener associated with the mobile device **182**, e.g., a profile or another set of information or data identifying one or more settings or preferences associated with the listener or the mobile device **182**. In some implementations, the display **185** (or other displays of the present disclosure) may be a capacitive touchscreen, a resistive touchscreen, or any other system for receiving interactions by a listener. In accordance with implementations of the present disclosure, the user interface **120-1**, or other user interfaces, may include any number of buttons, text boxes, checkboxes, drop-down menus, list boxes, toggles, pickers, search fields, tags, sliders, icons, carousels, or any other interactive or selectable elements or features that are configured to display information to listeners or other users, or to receive interactions from the listeners or other users.

(16) Alternatively, or additionally, a listener may interact with the user interface **120-1** or the mobile device **182** in any other manner, such as by way of any input/output ("I/O") devices, e.g., a mouse, a stylus, a touchscreen, a keyboard, a trackball, or a trackpad, as well as any voice-controlled devices or software (e.g., a personal assistant), which may capture and interpret voice commands using one or more microphones or acoustic sensors provided on the mobile device **182** or any other systems (not shown).

(17) As is shown in FIG. **1**A, the first section **122** in the first color C.sub.1-1 and the second section

124 in the second color C.sub.1-2 each occupy a full width of the display **185**, and approximately equal portions of a height of the display **185**. The first section **122** in the first color C.sub.1-1 and the second section **124** in the second color C.sub.1-2 are aligned substantially vertically within the display **185**, and separated by a substantially horizontal line. The third section **126** in the third color C.sub.1-3 including the image **128** has a substantially square shape and is provided on the line between the first section **122** in the first color C.sub.1-1 and the second section **124** in the second color C.sub.1-2. The third section **126** has a width that is slightly less than a width of the display **185**, such that portions of the first section **122** in the first color C.sub.1-1 and the second section **124** in the second color C.sub.1-2, and the line therebetween, are visible on either side of the third section **126** in the third color C.sub.1-3.

(18) In some implementations of the present disclosure, the first color C.sub.1-1, the second color C.sub.1-2 or the third color C.sub.1-3 may be selected based at least in part on the image **128**, which may depict a creator of the media program, any other individual or entity associated with the media program, e.g., a guest or a participant in the media program. Alternatively, the image **128** may depict a symbol, a logo, an icon, a flag, or any other item or feature of the media program. The first color C.sub.1-1, the second color C.sub.1-2 or the third color C.sub.1-3 may be selected based on the image **128** in any other manner. For example, in some implementations, a histogram of the image **128** may be performed, and one or more colors of the image **128** may be identified based on the histogram, such as a predominant color of the image **128**. Alternatively, one or more colors may be selected from the image **128** in any other manner.

(19) Once one or more colors are identified or selected from the image **128**, such colors may be used as a basis for selecting one or more colors of the user interface **120-1**, e.g., the first color C.sub.1-1, the second color C.sub.1-2 or the third color C.sub.1-3. For example, as is shown in FIG. **1**A, at least a plurality, if not a majority, of pixels of the image **128** is in one or more shades of pink. Therefore, the first color C.sub.1-1 may be a shade of pink selected from a color palette, e.g., a finite set of colors that may be available for depiction in a page rendered within a user interface, and may be determined or quantified according to one or more standards. Alternatively, a color may be selected from the image **128** on any other basis, and used to identify or select one or more colors of sections of the user interface **120-1**. For example, where large or substantial portions of the image **128** depict bland, neutral or ordinary colors, and small or insignificant portions of the image **128** depict bright, vivid or striking colors, one or more of the bright, vivid or striking colors of the image **128** may be identified and used as a basis to select one or more images from a color palette.

(20) As is further shown in FIG. **1**A, the second color C.sub.1-2 is a shade of white or is otherwise substantially plain, while the third color C.sub.1-3 is a shade of purple or another substantially dark color. In some implementations, one or more of the second color C.sub.1-2 or the third color C.sub.1-3 may be selected, e.g., either from the same color palette or independently, as a counterpart to the first color C.sub.1-1, to enhance a level of contrast between the first color C.sub.1-1 and the image **128**.

(21) The user interface **120-1** shown in FIG. **1**A may be displayed by applications for playing media programs that are executed by one or more devices or systems of listeners, either independently or along with any other user interfaces (e.g., pages, cards, windows or others) associated with any number of other media programs, such as in a scrolling series or other dynamic pattern. A listener or other operator of the mobile device **182** may request that the media program associated with the user interface **120-1** be transmitted to the mobile device **182** by one or more gestures or other interactions with the display **185**, e.g., a selection of the image **128** or any other portion of the user interface **120-1**.

(22) As is shown in FIG. **1**B, a system **100** includes a mobile device **112** (e.g., a smartphone, a tablet computer, a laptop computer, or any other system or device) of a creator **110** (e.g., a user, or a host), a control system **150** (e.g., one or more servers or other computer systems) and the mobile

device **182** that are connected to one another over one or more networks **190**, which may include the Internet in whole or in part. Alternatively, the system **100** may further include any number of music sources (e.g., servers or other computer systems having access to catalogs, repositories, streaming sources, or other sources of songs, podcasts or other media entities) or other devices of listeners (not shown), which may be connected to the mobile device **112** of the creator **110** or the control system **150** over the one or more networks **190**. Such other devices or systems may include, but need not be limited to, automobiles, desktop computers, laptop computers, media players, smart speakers, televisions, wristwatches, or others. The devices or systems that may be operated or utilized in accordance with the present disclosure are not limited by any of the devices or systems shown in FIG. **1**B.

(23) In some implementations, the control system **150** may establish a two-way or bidirectional channel or connection with the mobile device **112**, and one-way or unidirectional channels or connections with the mobile device **182**, or with any other devices or systems (not shown). In some other implementations, the control system **150** may establish two-way or bidirectional channels with the mobile device **112** and the mobile device **182**, or with any other devices or systems (not shown).

(24) As is shown in FIG. **1**B, the mobile device **112** includes a display (e.g., a touchscreen) having information regarding a media program, e.g., the title **130**, rendered thereon. Alternatively, or additionally, the mobile device **112** may include one or more interactive or selectable elements or features that enable the creator **110** to construct a media program from one or more sets of media content, or to control the transmission or receipt of media content in accordance with the media program, e.g., by the control system **150** or from any other source to the mobile device **182** or any other devices or system over the one or more networks **190**.

(25) As is further shown in FIG. **1**B, the creator **110** provides an utterance of one or more words that are intended to be heard by one or more listeners, e.g., a listener operating the mobile device **182**, to the mobile device **112**. In particular, the creator **110** describes an episode of the media program, viz., “it's springtime, and that means it's premiere season. Here are some shows you can't miss in 2022.” The mobile device **112** may capture audio data representing the utterance of the creator **110**, and transmit the audio data to the control system **150** over the one or more networks **190**. The control system **150** may then cause data, e.g., some or all of the audio data, to be transmitted to one or more computer systems or devices of listeners over one or more networks **190**, including but not limited to the mobile device **182**, which may cause the audio data to be played aloud to any individuals or entities within an operating range (or an acoustic range, e.g., earshot) of the mobile device **182**.

(26) The user interfaces of applications for playing media in accordance with implementations of the present disclosure may be consistent with the visual theme and may vary in shape, form or function. As is shown in FIG. **1**C, with media content of the media program being transmitted to the mobile device **182**, e.g., from the mobile device **112** of the creator **110** by way of the control system **150**, a user interface **120-2** (e.g., a page, a card, a window or another interface) is displayed on the mobile device **182**. For example, as is shown in FIG. **1**C, the user interface **120-2** includes a first section **122** in the first color C.sub.1-1 that occupies an entire width of the display **185** and is aligned on an upper edge of the display **185**, but has a smaller height than the first section **122** of the user interface **120-1**. The user interface **120-2** also includes a second section **124** that is also aligned on a lower edge of the display **185**. The second section **124** of the user interface **120-2** has a larger height than the second section **124** of the user interface **120-1**, and is shown in the third color C.sub.1-3, not the second color C.sub.1-2.

(27) Like the user interface **120-1**, the user interface **120-2** displays the image **128** on a substantially horizontal line dividing the first section **122** and the second section **124**. Unlike the user interface **120-1**, the user interface **120-2** does not include a substantially square portion or frame around the image **128**. The identifier **115** of the creator **110** is provided directly beneath the

image **128**, in the second section **124** in the third color C.sub.1-3. In some implementations, a color of a font of the identifier **115** may be selected to provide a visual contrast with a background color on which the identifier **115** is displayed, e.g., the third color C.sub.1-3, as is shown in FIG. **1**C, or the second color C.sub.1-2, as is shown in FIG. **1**A.

(28) Additionally, as is also shown in FIG. **1**C, an accent icon **125** is displayed on the image **128**. For example, the accent icon **125** may be a visible ring (e.g., a "speaker ring") or another marking or indication that may be displayed in association with the image **128**, to visibly indicate that the creator **110** is speaking. In some implementations, the accent icon **125** may include one or more visible attributes, such as colors, sizes, dimensions, shapes, or others, that are selected based on the attributes of the voice of the creator **110**. Moreover, in some implementations, visual attributes of the accent icon **125** may be varied based on changes in the voice of the creator **110**. For example, where a frequency, an intensity, a sound pressure level, or a speech rate of the voice of the creator **110** changes, a visual attribute of the accent icon **125** (e.g., a color, a size, a dimension, a shape or any other attribute) may change accordingly to reflect the changes in the frequency, the intensity, the sound pressure level, or the speech rate of the creator **110**. Furthermore, in some implementations, the accent icon **125** may be of any color, size, dimension or shape, and need not be limited to multi-colored circular rings. Moreover, the accent icon **125** may be displayed in any location or orientation with respect to the image **128**, and need not be displayed over or around the image **128**.

(29) As is further shown in FIG. **1**C, with media content of the media program being transmitted to the mobile device **182** and played thereon, the indicator **135** is provided in an upper left corner of the user interface **120-2**, while the indicator **136** of a number of listeners to the media program and the indicator **138** of a number of such listeners who have provided positive ratings or interactions regarding the media program are provided in a lower left corner of the user interface **120-2**. Additionally, the user interface **120-2** includes a pair of additional controls, including an interactive feature **140** that, when selected, enables a listener or another operator of the mobile device **182** to request to join or participate in the media program, e.g., in response to a request by the creator **110** or at any other time. The user interface **120-2** also includes an interactive feature **142** that, when selected, permanently or temporarily terminates a playing of the media program by the mobile device **182**. In some implementations, upon a selection of the interactive feature **142**, or a termination of the playing of the media program by the mobile device **182** for any other reason, the user interface **120-2** may be replaced by the user interface **120-1** of FIG. **1**A, or any other user interface, which may represent the same media program as the user interfaces **120-1**, **120-2** or any other media programs.

(30) As is shown in FIG. **1**D, upon a selection of the interactive feature **140**, a listener **180** operating the mobile device **182** is permitted to join in the media program, and participate in the generation of media content to be transmitted to devices **180**-*n* of one or more other listeners. For example, in some implementations, the selection of the interactive feature **140** may cause a one-way communication channel, or unidirectional channel, between the mobile device **182** and the control system **150** (or any other system) to be terminated or disestablished, and a two-way communication channel, or a bidirectional channel, to be established between the mobile device **182** and the control system **150** system (or any other system) and any number of other computer devices or systems. Once the two-way or bidirectional channel is established between the mobile device **182** and the control system **150**, the listener **180** may utter one or more words or other utterances, or otherwise provide any other sounds or other audio data to the mobile device **182**. Audio data representing such words, utterances or sounds may be transmitted from the mobile device **182** to the control system **150**, and then to the mobile device **112** of the creator **110** and each of the devices **182**-*n* of the other listeners.

(31) As is shown in FIG. **1**E, with the listener **180** participating in the media program, and providing media content to the control system **150** in accordance with the media program, a user

interface **120-3** (e.g., a page, a card, a window or another interface) is displayed on the mobile device **182**. The user interface **120-3** is similar to the user interface **120-2** shown in FIG. **1**C, but with an image of the listener **180** shown in the second section **124** in the third color C.sub.1-3, in lieu of the interactive feature **140** of FIG. **1**C. Additionally, as is also shown in FIG. **1**E, an accent icon **125** is displayed on or around the image **180**, indicating that the listener **180** is speaking. The accent icon **125** may include one or more visible attributes, such as colors, sizes, dimensions, shapes, or others, that are selected based on the attributes of the voice of the listener **180**, or may vary based on changes in the voice of the listener **180**.

(32) In some implementations, where the creator **110** begins speaking, the accent icon **125** may be displayed on or around the image **128**, e.g., in one or more colors, sizes, dimensions, shapes, or other attributes that are selected based on attributes of a voice of the creator **110**. The accent icon **125** may move back or forth between the image **128** and the image of the listener **180**, as the creator **110** or the listener **180**, respectively, are speaking. Moreover, where both the creator **110** and the listener **180** are speaking, two accent icons **125** may be displayed, e.g., on both the image **128** and the image of the listener **180**. Alternatively, one of the image **128** or the image of the listener **180** may be selected, e.g., based on attributes of voices of the creator **110** and the listener **180**, respectively, and a single accent icon **125** may be displayed on one of the image **128** and the image of the listener **180**.

(33) Where the listener **180** departs from the media program, or where a two-way or bidirectional communication channel between the mobile device **182** and the control system **150** has been terminated or disestablished, the accent icon **125** may be displayed on or around the image **128**, and the image of the listener **180** may be replaced by the interactive feature **140** of FIG. **1**C, or any other visual feature. Alternatively, the user interface **120-3** may be replaced by the user interface **120-2** of FIG. **1**C.

(34) Accordingly, in some implementations, an application for playing media may display user interfaces (e.g., pages, cards, windows or other interfaces) that may include one or more colors or other features that are consistent with a visual theme selected for a media program, based on an image associated with the media program. The user interfaces may further include interactive features that enable listeners to join media programs in progress, as well as visual features that identify participants in the media programs, with visual attributes that are selected based on audio data provided by such participants, and interactive features that enable listeners to media programs to become creators (or hosts) of media programs.

(35) A visual theme may be used to generate user interfaces (e.g., pages, cards, windows or other interfaces) in common or consistent colors for any purpose or function associated with a media program, such as informational user interfaces that are displayed with user interfaces of any other media programs, e.g., to enable a listener to select from the media programs by scrolling between such pages in a dynamic manner, as well as user interfaces for playing media programs, user interfaces for constructing media programs, or any other user interfaces. For example, a visual theme generated for a media program may designate or specify colors, images or features to be included in a user interface generally associated with a media program, e.g., a card displayed by an application with cards of other media programs that a listener may scroll through or otherwise evaluate prior to selecting one of the media programs associated with one of the cards, as well as a user interface to be displayed by an application while a selected media program is playing, a user interface displayed while a creator is establishing a media program, or any other user interface. Moreover, user interfaces that are generated in accordance with implementations of the present disclosure may include sections of any size, shape or dimension, and with colors, images or features in accordance with a visual theme.

(36) As used herein, the term “media entity” may refer to media content of any type or form (e.g., audio and/or video) that may be recorded, stored, maintained or transmitted in one or more files, such as a movie, podcast, a song (or title), a television show, or any other audio and/or video

programs. The term “media entity” may also refer to a descriptor of media content, e.g., an era, a genre, or a mood, or any other descriptor of one or more audio and/or video programs. The term “media entity” may further include a file including information, data or metadata regarding one or more sets of media content, or a physical or virtual representation of the one or more sets of media content, such as an album, a playlist, a soundtrack, or any other information, data, metadata, or representations. The term “media entity” may also include one or more persons or entities associated with such media content, e.g., an artist, a group, a label, a producer, a service, a station, or any other persons or entities.

(37) Media content that may be included in a media program includes, but need not be limited to, one or more media entities retrieved from a music catalog, repository or streaming service, one or more advertisements of items, goods or services, or one or more news, sports or weather programs, which may be generated live or previously recorded. Media content that may be included in a media program also includes audio data representing words that are spoken or sung by a creator or one or more guests, such as musicians, celebrities, personalities, athletes, politicians, or artists, or any listeners to the media program. A control system, or any associated conference systems, broadcast systems or mixing systems, may establish or terminate connections with a creator, with any sources of media content, or with any number of listeners, to compile and efficiently transmit media content of a media program over digital channels (e.g., web-based or application-based), to any number of systems or devices of any form.

(38) One or more of the embodiments disclosed herein may overcome limitations of existing systems and methods for presenting media programs or other content, e.g., radio programs, to listeners. Unbounded by traditional frequency bands or broadcast protocols, the systems and methods of the present disclosure may receive designations of media content from a creator of a media program, e.g., in a broadcast plan, and the media program may be transmitted over one or more networks to any number of listeners in any locations and by way of any devices. Creators of media programs may designate one or more types or files of media content to be broadcast to listeners via a user interface rendered on a display or by any type or form of computer device, in accordance with a broadcast plan or other schedule. A control system, or a mixing system, a conference system or a broadcast system, may retrieve the designated media content from any number of sources, or initiate or control the designated media content to any number of listeners, by opening one or more connections between computer devices or systems of the creator and computer devices or systems of the sources or listeners.

(39) In some implementations of the present disclosure, one-way communication channels, or unidirectional channels, may be established between a broadcast system (or a control system) and any number of other computer devices or systems. For example, broadcast channels may be established between a broadcast system (or a control system) and sources of media or other content, or between a broadcast system (or a control system) and devices of any number of listeners, for providing media content. Two-way communication channels, or bidirectional channels, may also be established between a conference system (or a control system) and any number of other computer devices or systems. For example, a conference channel may be established between a computer device or system of a creator or another source of media and a conference system (or a control system). Furthermore, one-way or two-way communication channels may be established between a conference system and a mixing system, or between a mixing system and a broadcast system, as appropriate.

(40) Communication channels may be established in any manner, in accordance with implementations of the present disclosure. Those of ordinary skill in the pertinent arts will recognize that computer networks, such as the Internet, may operate based on a series of protocols that are layered on top of one another. Such protocols may be collectively referred to as an Internet Protocol suite (or IP suite). One underlying layer of the IP suite is sometimes referred to in the abstract as a link layer, e.g., physical infrastructure, or wired or wireless connections between one

or more networked computers or hosts. A second layer atop the link layer is a network layer, which is sometimes called an Internet Protocol layer, and is a means by which data is routed and delivered between two disparate physical locations.

(41) A third layer in an IP suite is a transport layer, which may be analogized to a recipient's mailbox. The transport layer may divide a host's network interface into one or more channels, or ports, with each host having as many ports available for establishing simultaneous network connections. A socket is a combination of an IP address describing a host for which data is intended and a port number indicating a channel on the host to which data is directed. A socket is used by applications running on a host to listen for incoming data and send outgoing data. One standard transport layer protocol is the Transmission Control Protocol, or TCP, which is full-duplex, such that connected hosts can concurrently send and receive data. A fourth and uppermost layer in the IP suite is referred to as an application layer. Within the application layer, familiar protocols such as Hypertext Transfer Protocol (or "HTTP"), are found. HTTP is built on a request/response model in which a client sends a request to a server, which may be listening for such requests, and the server parses the request and issues an appropriate response, which may contain a network resource.

(42) One application-layer protocol for communicating between servers and clients is called WebSocket, which provides TCP-like functionality at the application layer. Like TCP, WebSocket is full-duplex, such that once an underlying connection is established, a server may, of its own volition, push data to client devices with which the server is connected, and clients may continue to send messages to the server over the same channel. Additionally, a pure server-push technology is also built into HTML5, one version of Hypertext Markup Language. This technology, which is known as Server-Sent Events (or SSE), operates over standard HTTP, and is a novel use of an existing application-layer protocol. Server-Sent Events works by essentially sending partial responses to an initial HTTP request, such that a connection remains open, enabling further data to be sent at a later time. In view of its unidirectional nature, Server-Sent Events is useful in situations in which a server will be generating a steady stream of updates without requiring anything further from a client.

(43) Communications channels of the present disclosure may be associated with any type of content and established computer devices and systems associated with any type of entity, and in accordance with a broadcast plan or sequence of media content, or at the control or discretion of one or more creators. One or more user interfaces rendered by or on a computer system or device may permit a creator to control the synchronization or mixing of media content by the broadcast system or the mixing system. Gestures or other interactions with the user interfaces may be translated into commands to be processed by the broadcast system or the mixing system, e.g., to play a specific media entity, to insert a specific advertisement, or to take any other relevant actions, such as to adjust a volume or another attribute or parameter of media content. Moreover, a broadcast system or the mixing system may provide any relevant information to a creator via such user interfaces, including information regarding attributes or parameters of media content that was previously played, that is being played, or that is scheduled to be played in accordance with a broadcast plan or during a media program. The broadcast system or the mixing system may further execute one or more instructions in response to rules, which may define or control media content that is to be played at select times during a media program, e.g., to automatically increase or decrease volumes or other attributes or parameters of a voice of a creator, or of other media content from other sources, on any basis. Any rules governing the playing of media content of a media program by the broadcast system or the mixing system may be overridden by a creator, e.g., by one or more gestures or other interactions with a user interface of an application in communication with the broadcast system or the mixing system that may be associated with the playing of the media content or the media program.

(44) Referring to FIGS. **2**A and **2**B, block diagrams of components of one system **200** for playing media in accordance with embodiments of the present disclosure is shown. Except where otherwise

noted, reference numerals preceded by the number “2” shown in FIG. **2**A or FIG. **2**B indicate components or features that are similar to components or features having reference numerals preceded by the number “1” shown in FIGS. **1**A through **1**E.

(45) As is shown in FIG. **2**A, the system **200** shown in FIG. **2**A includes a creator **210**, a control system **250**, a content source **270**, and a listener **280** that are connected to one another over one or more networks **290**.

(46) The creator **210** may be any individual or entity that expresses an interest or an intent in constructing a media program including media content, and providing the media program to the listener **280** over the network **290**. As is shown in FIG. **2**A, the creator **210** is associated with or operates a computer system **212** having a microphone **214**, a display **215**, a speaker **216** and a transceiver **218**, and any other components.

(47) In some implementations, the computer system **212** may be a mobile device, such as a smartphone, a tablet computer, a wristwatch, or others. In some other implementations, the computer system **212** may be a laptop computer or a desktop computer, or any other type or form of computer. In still other implementations, the computer system **212** may be, or may be a part of, a smart speaker, a television, an automobile, a media player, or any other type or form of system having one or more processors, memory or storage components (e.g., databases or other data stores), or other components.

(48) The microphone **214** may be any sensor or system for capturing acoustic energy, including but not limited to piezoelectric sensors, vibration sensors, or other transducers for detecting acoustic energy, and for converting the acoustic energy into electrical energy or one or more electrical signals. The display **215** may be a television system, a monitor or any other like machine having a screen for viewing rendered video content, and may incorporate any number of active or passive display technologies or systems, including but not limited to electronic ink, liquid crystal displays (or “LCD”), light-emitting diode (or “LED”) or organic light-emitting diode (or “OLED”) displays, cathode ray tubes (or “CRT”), plasma displays, electrophoretic displays, image projectors, or other display mechanisms including but not limited to micro-electromechanical systems (or “MEMS”), spatial light modulators, electroluminescent displays, quantum dot displays, liquid crystal on silicon (or “LCOS”) displays, cholesteric displays, interferometric displays or others. The display **215** may be configured to receive content from any number of sources via one or more wired or wireless connections, e.g., the control system **250**, the content source **270** or the listener **280**, over the networks **290**.

(49) In some implementations, the display **215** may be an interactive touchscreen that may not only display information or data but also receive interactions with the information or data by contact with a viewing surface. For example, the display **215** may be a capacitive touchscreen that operates by detecting bioelectricity from a user, or a resistive touchscreen including a touch-sensitive computer display composed of multiple flexible sheets that are coated with a resistive material and separated by an air gap, such that when a user contacts a surface of a resistive touchscreen, at least two flexible sheets are placed in contact with one another.

(50) The speaker **216** may be any physical components that are configured to convert electrical signals into acoustic energy such as electrodynamic speakers, electrostatic speakers, flat-diaphragm speakers, magnetostatic speakers, magnetostrictive speakers, ribbon-driven speakers, planar speakers, plasma arc speakers, or any other sound or vibration emitters.

(51) The transceiver **218** may be configured to enable the computer system **212** to communicate through one or more wired or wireless means, e.g., wired technologies such as Universal Serial Bus (or “USB”) or fiber optic cable, or standard wireless protocols such as Bluetooth® or any Wireless Fidelity (or “Wi-Fi”) protocol, such as over the network **290** or directly. The transceiver **218** may further include or be in communication with one or more input/output (or “I/O”) interfaces, network interfaces and/or input/output devices, and may be configured to allow information or data to be exchanged between one or more of the components of the computer system **212**, or to one or

more other computer devices or systems (e.g., other aerial vehicles, not shown) via the network **290**. The transceiver **218** may perform any necessary protocol, timing or other data transformations in order to convert data signals from a first format suitable for use by one component into a second format suitable for use by another component. In some embodiments, the transceiver **218** may include support for devices attached through various types of peripheral buses, e.g., variants of the Peripheral Component Interconnect (PCI) bus standard or the Universal Serial Bus (USB) standard. In some other embodiments, functions of the transceiver **218** may be split into two or more separate components.

(52) In some implementations, the computer system **212** may include a common frame or housing that accommodates the microphone **214**, the display **215**, the speaker **216** and/or the transceiver **218**. In some implementations, applications or functions or features described as being associated with the computer system **212** may be performed by a single system. In some other implementations, however, such applications, functions or features may be split among multiple systems. For example, an auxiliary system, may perform one or more of such applications or functions, or include one or more features, of the computer system **212** or other computer systems or devices described herein, and may exchange any information or data that may be associated with such applications, functions or features with the computer system **212**, as necessary. Alternatively, or additionally, the computer system **212** may include one or more power supplies, sensors (e.g., visual cameras or depth cameras), feedback devices (e.g., haptic feedback systems), chips, electrodes, clocks, boards, timers or other relevant features (not shown).

(53) In some implementations, the computer system **212** may be programmed or configured to render one or more user interfaces on the display **215** or in any other manner, e.g., by a browser or another application. The computer system **212** may receive one or more gestures or other interactions with such user interfaces, and such gestures or other interactions may be interpreted to generate one or more instructions or commands that may be provided to one or more of the control system **250**, the content source **270** or the listener **280**. Alternatively, or additionally, the computer system **212** may be configured to present one or more messages or information to the creator **210** in any other manner, e.g., by voice, and to receive one or more instructions or commands from the creator **210**, e.g., by voice.

(54) The control system **250** may be any single system, or two or more of such systems, that is configured to establish or terminate channels or connections with or between the creator **210**, the content source **270** or the listener **280**, to initiate a media program, or to control the receipt and transmission of media content from one or more of the creator **210**, the content source **270** or the listener **280** to the creator **210**, the content source **270** or the listener **280**. The control system **250** may operate or include a networked computer infrastructure, including one or more physical computer servers **252** and data stores **254** (e.g., databases) and one or more transceivers **256**, that may be associated with the receipt or transmission of media or other information or data over the network **290**. The control system **250** may also be provided in connection with one or more physical or virtual services configured to manage or monitor such files, as well as one or more other functions. The servers **252** may be connected to or otherwise communicate with the data stores **254** and may include one or more processors. The data stores **254** may store any type of information or data, including media files or any like files containing multimedia (e.g., audio and/or video content), for any purpose. The servers **252** and/or the data stores **254** may also connect to or otherwise communicate with the networks **290**, through the sending and receiving of digital data.

(55) In some implementations, the control system **250** may be independently provided for the exclusive purpose of managing the monitoring and distribution of media content. Alternatively, the control system **250** may be operated in connection with one or more physical or virtual services configured to manage the monitoring or distribution of media files, as well as one or more other functions. Additionally, the control system **250** may include any type or form of systems or

components for receiving media files and associated information, data or metadata, e.g., over the networks **290**. For example, the control system **250** may receive one or more media files via any wired or wireless means and store such media files in the one or more data stores **254** for subsequent processing, analysis and distribution. In some embodiments, the control system **250** may process and/or analyze media files, such as to add or assign metadata, e.g., one or more tags, to media files.

(56) The control system **250** may further broadcast, air, stream or otherwise distribute media files maintained in the data stores **254** to one or more listeners, such as the listener **280** or the creator **210**, over the networks **290**. Accordingly, in addition to the server **252**, the data stores **254**, and the transceivers **256**, the control system **250** may also include any number of components associated with the broadcasting, airing, streaming or distribution of media files, including but not limited to transmitters, receivers, antennas, cabling, satellites, or communications systems of any type or form. Processes for broadcasting, airing, streaming and distribution of media files over various networks are well known to those skilled in the art of communications and thus, need not be described in more detail herein.

(57) The content source **270** may be a source, repository, bank, or other facility for receiving, storing or distributing media content, e.g., in response to one or more instructions or commands from the control system **250**. The content source **270** may receive, store or distribute media content of any type or form, including but not limited to advertisements, music, news, sports, weather, or other programming. The content source **270** may include, but need not be limited to, one or more servers **272**, data stores **274** or transceivers **276**, which may have any of the same attributes or features of the servers **252**, data stores **254** or transceivers **256**, or one or more different attributes or features.

(58) In some embodiments, the content source **270** may be an Internet-based streaming content and/or media service provider that is configured to distribute media over the network **290** to one or more general purpose computers or computers that are dedicated to a specific purpose.

(59) For example, in some embodiments, the content source **270** may be associated with a television channel, network or provider of any type or form that is configured to transmit media files over the airwaves, via wired cable television systems, by satellite, over the Internet, or in any other manner. The content source **270** may be configured to generate or transmit media content live, e.g., as the media content is captured in real time or in near-real time, such as following a brief or predetermined lag or delay, or in a pre-recorded format, such as where the media content is captured or stored prior to its transmission to one or more other systems. For example, the content source **270** may include or otherwise have access to any number of microphones, cameras or other systems for capturing audio, video or other media content or signals. In some embodiments, the content source **270** may also be configured to broadcast or stream one or more media files for free or for a one-time or recurring fees. In some embodiments, the content source **270** may be associated with any type or form of network site (e.g., a web site), including but not limited to news sites, sports sites, cultural sites, social networks or other sites, that streams one or more media files over a network. In essence, the content source **270** may be any individual or entity that makes media files of any type or form available to any other individuals or entities over one or more networks **290**.

(60) The listener **280** may be any individual or entity having access to one or more computer devices **282**, e.g., general purpose or special purpose devices, who has requested (e.g., subscribed to) media content associated with one or more media programs over the network **290**. For example, the computer devices **282** may be at least a portion of an automobile, a desktop computer, a laptop computer, a media player, a smartphone, a smart speaker, a tablet computer, a television, or a wristwatch, or any other like machine that may operate or access one or more software applications, and may be configured to receive media content, and present the media content to the listener **280** by one or more speakers, displays or other feedback devices. The computer device **282**

may include a microphone **284**, a display **285**, a speaker **286**, a transceiver **288**, or any other components described herein, which may have any of the same attributes or features of the computer device **212**, the microphone **214**, the display **215**, the speaker **216** or the transceiver **218** described herein, or one or more different attributes or features. In accordance with the present disclosure, a listener **280** that requests to receive media content associated with one or more media programs may also be referred to as a "subscriber" to such media programs or media content.

(61) Those of ordinary skill in the pertinent arts will recognize that the computer devices **212**, **282** may include any number of hardware components or operate any number of software applications for playing media content received from the control system **250** and/or the media sources **270**, or from any other systems or devices (not shown) connected to the network **290**.

(62) Moreover, those of ordinary skill in the pertinent arts will further recognize that, alternatively, in some implementations, the computer device **282** need not be associated with a specific listener **280**. For example, the computer device **282** may be provided in a public place, beyond the control of the listener **280**, e.g., in a bar, a restaurant, a transit station, a shopping center, or elsewhere, where any individuals may receive one or more media programs.

(63) The networks **290** may be or include any wired network, wireless network, or combination thereof, and may comprise the Internet, intranets, broadcast networks, cellular television networks, cellular telephone networks, satellite networks, or any other networks, for exchanging information or data between and among the computer systems or devices of the creator **210**, the control system **250**, the media source **270** or the listener **280**, or others (not shown). In addition, the network **290** may be or include a personal area network, local area network, wide area network, cable network, satellite network, cellular telephone network, or combination thereof, in whole or in part. The network **290** may also be or include a publicly accessible network of linked networks, possibly operated by various distinct parties, such as the Internet. The network **290** may include one or more wireless networks, such as a Global System for Mobile Communications (GSM) network, a Code Division Multiple Access (CDMA) network, a Long-Term Evolution (LTE) network, or some other type of wireless network. Protocols and components for communicating via the Internet or any of the other aforementioned types of communication networks are well known to those skilled in the art of computer communications and thus, need not be described in more detail herein.

(64) Although the system **200** shown in FIG. **2**A shows boxes for one creator **210**, one control system **250**, one media source **270**, one listener **280**, and one network **290**, those of ordinary skill in the pertinent arts will recognize that any number of creators **210**, broadcast systems **250**, media sources **270**, listeners **280** or networks **290** may be utilized to transmit, receive, access, hear, or view media content provided in accordance with implementations of the present disclosure. Moreover, the computer devices **212**, **252**, **272**, **282** may include all or fewer of the components shown in FIG. **2**A or perform all or fewer of the tasks or functions described herein. Tasks or functions described as being executed or performed by a single system or device associated with the creator **210**, the control system **250**, the media source **270** or the listener **280** may be executed or performed by multiple systems or devices associated with each of the creator **210**, the control system **250**, the media source **270** or the listener **280**. For example, the tasks or functions described herein as being executed or performed by the control system **250** may be performed by a single system, or by separate systems for establishing two-way connections with the creator **210** or any number of media sources **270**, or any other systems, e.g., a mixing system, or for establishing one-way connections with any number of media sources **270** or any number of listeners **280** and transmitting data representing media content, e.g., a broadcast system, from such media sources **270** to such listeners **280**. Moreover, two or more creators **210** may collaborate on the construction of a media program.

(65) In some implementations, one or more of the tasks or functions described as being executed or performed by the control system **250** may be performed by multiple systems. For example, as is shown in FIG. **2**B, the system **200** may include a mixing system **250-1**, a conference system **250-2**

and a broadcast system **250-3** that may perform one or more of the tasks or functions described herein as being executed or performed by the control system **250**.

(66) As is further shown in FIG. **2**B, the mixing system **250-1** may be configured to receive data from the conference system **250-2**, as well as from one or more content sources **270**. For example, in some implementations, the conference system **250-2** may also be configured to establish two-way communications channels with computer devices or systems associated with the creator **210** (or any number of creators) as well as a listener **280-2** (or any number of listeners) or other authorized host, guests, or contributors to a media program associated with one or more of the creators **210**, and form a "conference" including each of such devices or systems. The conference system **250-2** may receive data representing media content such as audio signals in the form of words spoken or sung by one or more of the creator **210**, the listener **280-2**, or other entities connected to the conference system **250-2**, or music or other media content played by the one or more of the creator **210**, the listener **280-2**, or such other entities, and transmit data representing the media content or audio signals to each of the other devices or systems connected to the conference system **250-2**.

(67) In some implementations, the mixing system **250-1** may also be configured to establish a two-way communications channel with the conference system **250-2**, thereby enabling the mixing system **250-1** to receive data representing audio signals from the conference system **250-2**, or transmit data representing audio signals to the conference system **250-2**. For example, in some implementations, the mixing system **250-1** may act as a virtual participant in a conference including the creator **210** and any listeners **280-2**, and may receive data representing audio signals associated with any participants in the conference, or provide data representing audio signals associated with media content of the media program, e.g., media content received from any of the content sources **270**, to such participants.

(68) The mixing system **250-1** may also be configured to establish a one-way communications channel with the content source **270** (or with any number of content sources), thereby enabling the mixing system **250-1** to receive data representing audio signals corresponding to advertisements, songs or media files, news programs, sports programs, weather reports or any other media files, which may be live or previously recorded, from the content source **270**. The mixing system **250-1** may be further configured to establish a one-way communications channel with the broadcast system **250-3**, and to transmit data representing media content received from the creator **210** or the listener **280-2** by way of the conference channel **250-2**, or from any content sources **270**, to the broadcast system **250-3** for transmission to any number of listeners **280-1**.

(69) The mixing system **250-1** may be further configured to receive information or data from one or more devices or systems associated with the creator **210**, e.g., one or more instructions for operating the mixing system **250-1**. For example, in some implementations, the mixing system **250-1** may be configured to cause any number of connections to be established between devices or systems and one or more of the conference system **250-2** or the broadcast system **250-3**, or for causing data representing media content of any type or form to be transmitted to one or more of such devices or systems in response to such instructions. In some implementations, the mixing system **250-1** may also be configured to initiate or modify the playing of media content, such as by playing, pausing or stopping the media content, advancing (e.g., "fast-forwarding") or rewinding the media content, increasing or decreasing levels of volume of the media content, or setting or adjusting any other attributers or parameters (e.g., treble, bass, or others) of the media content, in response to such instructions or automatically.

(70) The broadcast system **250-3** may be configured to establish one-way communications channels with any number of listeners **280-1**, and to transmit data representing media content received from the mixing system **250-1** to each of such listeners **280-1**.

(71) The computers, servers, devices and the like described herein have the necessary electronics, software, memory, storage, databases, firmware, logic/state machines, microprocessors,

communication links, displays or other visual or audio user interfaces, printing devices, and any other input/output interfaces to provide any of the functions or services described herein and/or achieve the results described herein. Also, those of ordinary skill in the pertinent art will recognize that users of such computers, servers, devices and the like may operate a keyboard, keypad, mouse, stylus, touch screen, or other device (not shown) or method to interact with the computers, servers, devices and the like, or to "select" an item, link, node, hub or any other aspect of the present disclosure.

(72) The computer devices **212**, **282** or the servers **252**, **272**, and any associated components, may use any web-enabled or Internet applications or features, or any other client-server applications or features including E-mail or other messaging techniques, to connect to the networks **290**, or to communicate with one another, such as through short or multimedia messaging service (SMS or MMS) text messages. For example, the computer devices **212**, **282** or the servers **252**, **272** may be configured to transmit information or data in the form of synchronous or asynchronous messages to one another in real time or in near-real time, or in one or more offline processes, via the networks **290**. Those of ordinary skill in the pertinent art would recognize that the creator **210**, the control system **250** (or the mixing system **250-1**, the conference system **250-2**, or the broadcast system **250-3**), the media source **270** or the listener **280** (or the listeners **280-1**, **280-2**) may include or operate any of a number of computing devices that are capable of communicating over the networks **290**. The protocols and components for providing communication between such devices are well known to those skilled in the art of computer communications and need not be described in more detail herein.

(73) The data and/or computer executable instructions, programs, firmware, software and the like (also referred to herein as "computer executable" components) described herein may be stored on a computer-readable medium that is within or accessible by computers or computer components such as computer devices **212**, **282** or the servers **252**, **272**, or to any other computers or control systems utilized by the creator **210**, the control system **250** (or the mixing system **250-1**, the conference system **250-2**, or the broadcast system **250-3**), the media source **270** or the listener **280** (or the listeners **280-1**, **280-2**), and having sequences of instructions which, when executed by a processor (e.g., a central processing unit, or "CPU"), cause the processor to perform all or a portion of the functions, services and/or methods described herein. Such computer executable instructions, programs, software and the like may be loaded into the memory of one or more computers using a drive mechanism associated with the computer readable medium, such as a floppy drive, CD-ROM drive, DVD-ROM drive, network interface, or the like, or via external connections.

(74) Some embodiments of the systems and methods of the present disclosure may also be provided as a computer-executable program product including a non-transitory machine-readable storage medium having stored thereon instructions (in compressed or uncompressed form) that may be used to program a computer (or other electronic device) to perform processes or methods described herein. The machine-readable storage media of the present disclosure may include, but is not limited to, hard drives, floppy diskettes, optical disks, CD-ROMs, DVDs, ROMs, RAMs, erasable programmable ROMs ("EPROM"), electrically erasable programmable ROMs ("EEPROM"), flash memory, magnetic or optical cards, solid-state memory devices, or other types of media/machine-readable medium that may be suitable for storing electronic instructions. Further, embodiments may also be provided as a computer executable program product that includes a transitory machine-readable signal (in compressed or uncompressed form). Examples of machine-readable signals, whether modulated using a carrier or not, may include, but are not limited to, signals that a computer system or machine hosting or running a computer program can be configured to access, or including signals that may be downloaded through the Internet or other networks, e.g., the network **290**.

(75) Referring to FIG. **3**, a view of aspects of one system for playing media in accordance with embodiments of the present disclosure is shown. Except where otherwise noted, reference numerals

preceded by the number "3" shown in FIG. **3** indicate components or features that are similar to components or features having reference numerals preceded by the number "2" shown in FIG. **2**A or FIG. **2**B or by the number "1" shown in FIGS. **1**A through **1**E. As is shown in FIG. **3**, the system **300** includes computer systems or devices of a plurality of creators **310-1** . . . **310**-*a*, a mixing system **350-1**, a conference system **350-2**, a broadcast system **350-3**, a plurality of content sources **370-1**, **370-2** . . . **370**-*b* and a plurality of listeners **380-1**, **380-2** . . . **380**-*c* that are connected to one another over a network **390**, which may include the Internet in whole or in part.

(76) The creators **310-1** . . . **310**-*a* may operate a computer system or device having one or more microphones, an interactive display, one or more speakers, one or more processors and one or more transceivers configured to enable communication with one or more other computer systems or devices. In some implementations, the creators **310-1** . . . **310**-*a* may operate a smartphone, a tablet computer or another mobile device, and may execute interactions with one or more user interfaces rendered thereon, e.g., by a mouse, a stylus, a touchscreen, a keyboard, a trackball, or a trackpad, as well as any voice-controlled devices or software (e.g., a personal assistant). Interactions with the user interfaces may be interpreted and transmitted in the form of instructions or commands to the mixing system **350-1**, the conference system **350-2** or the broadcast system **350-3**. Alternatively, the creators **310-1** . . . **310**-*a* may operate any other computer system or device, e.g., a laptop computer, a desktop computer, a smart speaker, a media player, a wristwatch, a television, an automobile, or any other type or form of system having one or more processors, memory or storage components (e.g., databases or other data stores), or other components.

(77) Additionally, the mixing system **350-1** may be any server or other computer system or device configured to receive information or data from the creators **310-1** . . . **310**-*a*, or any of the listeners **380-1**, **380-2** . . . **380**-*c*, e.g., by way of the conference system **350-2**, or from any of the media sources **370-1**, **370-2** . . . **370**-*b* over the network **390**. The mixing system **350-1** may be further configured to transmit any information or data to the broadcast system **350-3** over the network **390**, and to cause the broadcast system **350-3** to transmit any of the information or data to any of the listeners **380-1**, **380-2** . . . **380**-*c*, in accordance with a broadcast plan (or a sequence of media content, or another schedule), or at the direction of the creators **310-1** . . . **310**-*a*. The mixing system **350-1** may also transmit or receive information or data along such communication channels, or in any other manner. The operation of the mixing system **350-1**, e.g., the establishment of connections, or the transmission and receipt of data via such connections, may be subject to the control or discretion of any of the creators **310-1** . . . **310**-*a*.

(78) In some implementations, the mixing system **350-1** may receive media content from one or more of the media sources **370-1**, **370-2** . . . **370**-*b*, and cause the media content to be transmitted to one or more of the creators **310-1** . . . **310**-*a* or the listeners **380-1**, **380-2** . . . **380**-*c* by the broadcast system **350-3**. In some other implementations, the mixing system **350-1** may receive media content from one or more of the media sources **370-1**, **370-2** . . . **370**-*b*, and mix, or combine, the media content with any media content received from the creators **310-1** . . . **310**-*a* or any of the listeners **380-1**, **380-2** . . . **380**-*c*, before causing the media content to be transmitted to one or more of the creators **310-1** . . . **310**-*a* or the listeners **380-1**, **380-2** . . . **380**-*c* by the conference system **350-2** or the broadcast system **350-3**. For example, in some implementations, the mixing system **350-1** may receive media content (e.g., audio content and/or video content) captured live by one or more sensors of one or more of the media sources **370-1**, **370-2** . . . **370**-*b*, e.g., cameras and/or microphones provided at a location of a sporting event, or any other event, and mix that media content with any media content received from any of the creators **310-1** . . . **310**-*a* or any of the listeners **380-1**, **380-2** . . . **380**-*c*. In such embodiments, the creators **310-1** . . . **310**-*a* may act as sportscasters, news anchors, weathermen, reporters or others, and may generate a media program that combines audio or video content captured from a sporting event or other event of interest, along with audio or video content received from one or more of the creators **310-1** . . . **310**-*a* or any of the listeners **380-1**, **380-2** . . . **380**-*c* before causing the media program to be transmitted to the

listeners **380-1**, **380-2** . . . **380**-*c* by the conference system **350-2** or the broadcast system **350-3**.
(79) In some implementations, the conference system **350-2** may establish two-way communications channels between any of the creators **310-1** . . . **310**-*a* and, alternatively, any of the listeners **380-1**, **380-2** . . . **380**-*c*, who may be invited or authorized to participate in a media program, e.g., by providing media content in the form of spoken or sung words, music, or any media content, subject to the control or discretion of the creators **310-1** . . . **310**-*a*. Devices or systems connected to the conference system **350-2** may form a "conference" by transmitting or receiving information or data along such communication channels, or in any other manner. The operation of the mixing system **350-1**, e.g., the establishment of connections, or the transmission and receipt of data via such connections, may be subject to the control or discretion of the creators **310-1** . . . **310**-*a*. In some implementations, the mixing system **350-1** may effectively act as a virtual participant in such a conference, by transmitting media content received from any of the media sources **370-1**, **370-2** . . . **370**-*b* to the conference system **350-2** for transmission to any devices or systems connected thereto, and by receiving media content from any of such devices or systems by way of the conference system **350-2** and transmitting the media content to the broadcast system **350-3** for transmission to any of the listeners **380-1**, **380-2** . . . **380**-*c*.
(80) Likewise, the broadcast system **350-3** may be any server or other computer system or device configured to receive information or data from the mixing system **350-1**, or transmit any information or data to any of the listeners **380-1**, **380-2** . . . **380**-*c* over the network **390**. In some implementations, the broadcast system **350-3** may establish one-way communications channels with the mixing system **350-1** or any of the listeners **380-1**, **380-2** . . . **380**-*c* in accordance with a broadcast plan (or a sequence of media content, or another schedule), or at the direction of the creators **310-1** . . . **310**-*a*. The broadcast system **350-3** may also transmit or receive information or data along such communication channels, or in any other manner. The operation of the broadcast system **350-3**, e.g., the establishment of connections, or the transmission of data via such connections, may be subject to the control or discretion of the creators **310-1** . . . **310**-*a*.
(81) The content sources **370-1**, **370-2** . . . **370**-*b* may be servers or other computer systems having media content stored thereon, or access to media content, that are configured to transmit media content to the creators **310-1** . . . **310**-*a* or any of the listeners **380-1**, **380-2** . . . **380**-*c* in response to one or more instructions or commands from the creators **310-1** . . . **310**-*a* or the mixing system **350-1**. The media content stored on or accessible to the content sources **370-1**, **370-2** . . . **370**-*b* may include one or more advertisements, songs or media files, news programs, sports programs, weather reports or any other media files, which may be live or previously recorded. The number of content sources **370-1**, **370-2** . . . **370**-*b* that may be accessed by the mixing system **350-1**, or the types of media content stored thereon or accessible thereto, is not limited.
(82) The listeners **380-1**, **380-2** . . . **380**-*c* may also operate any type or form of computer system or device configured to receive and present media content, e.g., at least a portion of an automobile, a desktop computer, a laptop computer, a media player, a smartphone, a smart speaker, a tablet computer, a television, or a wristwatch, or others.
(83) The mixing system **350-1**, the conference system **350-2** or the broadcast system **350-3** may establish or terminate connections with the creators **310-1** . . . **310**-*a*, with any of the content sources **370-1**, **370-2** . . . **370**-*b*, or with any of the listeners **380-1**, **380-2** . . . **380**-*c*, as necessary, to compile and seamlessly transmit media programs over digital channels (e.g., web-based or application-based), to devices of the creators **310-1** . . . **310**-*a* or the listeners **380-1**, **380-2** . . . **380**-*c* in accordance with a broadcast plan, or subject to the control of the creators **310-1** . . . **310**-*a*. Furthermore, in some implementations, one or more of the listeners **380-1**, **380-2** . . . **380**-*c*, e.g., musicians, celebrities, personalities, athletes, politicians, or artists, may also be content sources. For example, where the broadcast system **350-3** has established one-way channels, e.g., broadcast channels, with any of the listeners **380-1**, **380-2** . . . **380**-*c*, the mixing system **350-1** may terminate one of the one-way channels with one of the listeners **380-1**, **380-2** . . . **380**-*c*, and cause the

conference system **350-2** to establish a two-directional channel with that listener, thereby enabling that listener to not only receive but also transmit media content to the creators **310-1** . . . **310**-*a* or any of the other listeners.

(84) Those of ordinary skill in the pertinent arts will recognize that any of the tasks or functions described above with respect to the mixing system **350-1**, the conference system **350-2** or the broadcast system **350-3** may be performed by a single device or system, e.g., a control system, or by any number of devices or systems.

(85) User interfaces (e.g., pages, cards, windows or other interfaces) that are generated in a manner consistent with a visual theme may be displayed by applications for playing media, or any other applications, for any purpose associated with a media program. Referring to FIG. **4**, a flow chart **400** of one process for playing media in accordance with embodiments of the present disclosure is shown.

(86) At box **410**, an image associated with a media program is identified. The media program may include one or more episodes or other sets of media content generated by a creator, or two or more creators, and may feature music, comedy, "talk" radio, interviews or any other content, such as advertisements, news, sports, weather, or other programming. The media program may be offered at a regularly scheduled time, or at any other time, e.g., randomly or spontaneously. The media program may have been requested at any time by a listener, or recommended for the listener on any basis. For example, in some implementations, the media program may be recommended to a listener based on any similarity between one or more of a creator, a genre, a subject, a theme, a title or a topic of the media program, and a creator, a genre, a subject, a theme, a title or a topic of another media program to which the listener has already listened, or of which the listener is believed to have an interest. Alternatively, or additionally, the media program may be recommended to a listener for any other reason, such as a similarity between the listener and another listener who has also listened to the media program, or who is believed to have an interest in the media program, which may be determined on any basis. The media program may also be recommended to a listener as particularly timely or relevant to the listener, e.g., based on current events, or emerging interests of listeners who are believed to be similarly situated to the listener, or on any other basis.

(87) The image may be any visual image having any visual attributes that bear any relation to the media program. In some implementations, the image may be an image depicting at least a portion of a creator of the media program, e.g., a face of the creator. Alternatively, the image may be any other image having any other relation to the media program or the creator, e.g., an avatar representing the creator, or any other image selected by or identified for the creator. The image may be any other image associated with the media program, e.g., an image depicting another individual (such as a guest or a listener), a symbol, a logo, an icon, a flag, or any other item or feature of the media program.

(88) Moreover, the image may be obtained or otherwise identified from any source. In some implementations, the image may have been obtained from a mobile device of the creator, or from any other component having a camera that is otherwise associated with the creator. In some other implementations, the image may have been obtained from any device or system that may but need not be associated with the creator.

(89) At box **420**, at least one color depicted within the image is determined. For example, in some implementations, a histogram (e.g., a color histogram) or another analysis of the image may be performed, and one or more predominant or otherwise noteworthy colors represented within the image may be identified. Colors that are frequently depicted within the image, e.g., with great regularity or predominance, may be identified. Alternatively, a color may be selected on any other basis. For example, where large or substantial portions of an image depict bland, neutral or ordinary colors, and small or insignificant portions of the image depict bright, vivid or striking colors, one or more of the bright, vivid or striking colors may be identified.

(90) At box **430**, a first color is selected from a color palette based at least in part on the at least one color depicted within the image determined at box **420**. For example, a color palette may include a finite set of colors that may be available for depiction in a card rendered within a user interface, and may be determined or quantified according to one or more standards, e.g., an RGB color model, a hexadecimal model, or any other model for quantifying a color or color schema within an image. The color palette may feature or include any number of colors in accordance with implementations of the present disclosure.

(91) The first color may be based on an extent of similarity or proximity to the at least one color determined at box **420**. For example, where the at least one color determined from the image is a shade of blue, and the color palette includes seven colors, one of which is a blue, the blue may be selected as the first color based on the similarity of blue to the shade of blue determined from the image. Similarity or proximity to colors of the color palette may be determined in any manner and on any basis in accordance with implementations of the present disclosure.

(92) At box **440**, a second color is selected from the color palette, e.g., as a counterpart to the first color. In some implementations, the second color may be selected based on a level of contrast between the second color and the first color selected at box **430**. For example, the second color may be complementary to the first color, analogous to the first color, one of the triadic colors to the first color, one of the tetradic colors to the first color, or have any other relation to the first color.

(93) At box **450**, a theme associated with the media program and comprising a first color, a second color, and the image associated with the media program is generated. For example, a visual theme may designate or specify colors, images or other features that are to be utilized in generating and displaying any type or form of user interfaces (e.g., pages, cards, windows or others) associated with the media program. Colors, images or other features of a visual theme may be utilized in generating or displaying user interfaces for any purpose. For example, a visual theme generated for a media program may designate or specify colors, images or features to be included in a card generally associated with a media program, e.g., a card displayed by an application with cards of other media programs that a listener may scroll through or otherwise evaluate prior to selecting one of the media programs associated with one of the cards, as well as a card to be displayed by an application while a selected media program is playing, a card displayed while a creator is establishing a media program, or any other card. Moreover, cards (or pages, windows or other user interfaces) that are generated in accordance with implementations of the present disclosure may include sections of any size, shape or dimension, and with colors, images or features in accordance with the visual theme.

(94) In some implementations, a user interface may include an upper section in the first color, and a lower section in the second color, along with a section including the image provided within or between either the upper section or the lower section, or on a divider or boundary between the upper section or the lower section, such as where a card is intended to be displayed on a device in a substantially vertical (or “portrait” orientation).

(95) In some implementations, the first section and the second section may have substantially the same sizes or shapes. In some implementations, the third section including the image may have the same shape as the image. Alternatively, in some implementations, the third section and the image may have different shapes. For example, referring again to FIG. **1**A, the image **128** has a circular shape and is shown in a section in the third color C.sub.1-3 having a square shape that is provided on a divider or boundary between an upper section in the first color C.sub.1-1 and a lower section in the second color C.sub.1-2. Furthermore, in some implementations, a user interface may include a section having a background in one or more portions that are bland, neutral or ordinary colors, or colors other than the first color determined at box **430** or the second color determined at box **440**. Alternatively, in some implementations, the user interface may include a section that has a background in the second color, and a section having one or more portions that are bland, neutral or ordinary colors.

(96) A visual theme may also designate or specify that a user interface include any other information or data regarding the media program, or designate or specify locations where such information or data is to be displayed in the user interface. For example, in some implementations, a theme may designate or specify that a user interface include an identifier of the media program or of an episode of the media program, as well as an identifier of a creator, a guest, or another participant in the media program, or any identifiers (e.g., sets of text or tags) associated with one or more aspects of the media program, as well as interactive features for initiating or performing any function upon a selection by a listener.

(97) At box **460**, code for displaying a card consistent with the theme is transmitted to a device of a listener. For example, in some implementations, the code may be programmed in one or more languages, such as HTML or any other language, e.g., Java or JavaScript, and may be configured for execution by a widget, an application programming interface (or "API"), or any other application or feature of a device. The code may outline, describe or define a logical structure of the card, including locations or attributes of one or more sections or features of the card, as well as any colors of such sections or features, consistent with the theme.

(98) At box **470**, data for playing the media program is transmitted to the device of the listener. For example, in some implementations, the data may include audio data in any format and in any file sizes, durations, numbers of channels, intensities, sampling rates, bit depths or other attributes. The data may be transmitted or streamed from a system that generated the theme at box **450** or transmitted the code at box **460**, e.g., a control system, or from any other system, such as a repository, a catalog, or another source. In some implementations, the media program may begin playing on the device of the listener upon a receipt of the data, e.g., in real time or in near-real time, or at a later time. Alternatively, such as where the card includes one or more interactive features for selecting or receiving the media program, the code for displaying the card may be transmitted to the device of the listener independent of the data for playing the media program, or at a later time, e.g., upon a request of the listener. Moreover, the device of the listener may play the media program with the card displayed thereon, or with any other information or data displayed thereon, such as another user interface, which may be consistent with the theme, or include any colors or features that may but need not be associated with any other theme.

(99) At box **480**, whether a selection of another media program is received from the device of the listener is determined. For example, where the card associated with the media program is displayed by an application operating on a device of a listener based on the code transmitted at box **460**, a listener may decline to hear the media program, or select another media program by one or more gestures or other interactions with a general-purpose application (e.g., a browser) or a dedicated application on the device. Alternatively, the listener may select another media program by way of one or more voice commands or utterances to a component or application configured to capture and interpret such commands or utterances, e.g., a smart speaker.

(100) If a selection of another media program is received, then the process returns to box **410**, where an image associated with the other media program is identified.

(101) If a selection of another media program is not received, however, then the process advances to box **490**, where whether the media program has timed out is determined. If the media program has timed out, then the process ends. If the media program has not timed out, however, then the process returns to box **470**, where data for playing the media program is transmitted to the device of the listener.

(102) As is discussed above, colors may be selected from a color palette for inclusion in a visual theme associated with a media program. Referring to FIGS. **5**A and **5**B, views of aspects of one system for playing media in accordance with embodiments of the present disclosure are shown. Except where otherwise noted, reference numerals preceded by the number "5" shown in FIG. **5**A or **5**B indicate components or features that are similar to components or features having reference numerals preceded by the number "3" shown in FIG. **3**, by the number "2" shown in FIG. **2**A or

FIG. **2**B or by the number "1" shown in FIGS. **1**A through **1**E.

(103) As is shown in FIG. **5**A, an image **528** depicts a facial or frontal view of the creator **510** of a media program. Alternatively, the image **528** may be an avatar representing the creator **510**, or any other image associated with the media program, e.g., an individual (such as a guest or a listener), a symbol, a logo, an icon, a flag, or any other item or feature of the media program, and need not depict the creator **510**.

(104) The image **528** includes substantial regions or portions having a color C.sub.5-1 that is a light shade of blue, e.g., background features surrounding or adjacent to a face of the creator **510**. The color C.sub.5-1 may be identified based on a histogram or another representation of the image **528**, which may identify a distribution of colors, e.g., numbers of pixels of the image **528** that include or correspond to one or more of a plurality of colors, or are within predetermined ranges of colors. Alternatively, a color depicted within the image **528** that is noteworthy with respect to other portions of the image **528**, e.g., a particularly bright, vivid or striking color of the image **528**, as compared to other colors within the image **528**, may be selected.

(105) As is also shown in FIG. **5**A, a color palette **550** includes a plurality of colors C.sub.5-2 through C.sub.5-17. The color palette **550** may include a finite set of colors, viz., the sixteen colors C.sub.5-2 through C.sub.5-17, that may be available for depiction in a page, a card, a window or another user interface, and may be determined or quantified according to one or more standards for quantifying a color or color schema within an image. Although the color palette **550** of FIG. **5**A includes the sixteen colors C.sub.5-2 through C.sub.5-17, a color palette may feature or include any number of colors in accordance with implementations of the present disclosure. Moreover, the colors of a color palette may be displayed in a round (or circular) format, such as a color wheel, or in any other format.

(106) As is further shown in FIG. **5**A, a predominant color C.sub.5-9 (or a first color) is selected from the color palette **550** based on the color C.sub.5-1. The predominant color C.sub.5-9 may be selected based on a similarity or proximity to the color C.sub.5-1 identified or selected from the image **528**, e.g., a closest, nearest or most similar color of the colors C.sub.5-2 through C.sub.5-17 of the color palette **550** to the color C.sub.5-1.

(107) Additionally, as is also shown in FIG. **5**A, a counterpart color C.sub.5-12 (or a second color) is selected from the color palette **550** based on the predominant color C.sub.5-9. The counterpart color C.sub.5-12 may be identified or selected to specifically contrast with the counterpart color C.sub.5-12, on any basis. In some implementations, the counterpart color C.sub.5-12 may be a complement to the predominant color C.sub.5-9, analogous to the predominant color C.sub.5-9, a triadic color to the predominant color C.sub.5-9, a tetradic color to the predominant color C.sub.5-9, or have any other relation to the predominant color C.sub.5-9.

(108) As is discussed above, a user interface (e.g., a page, a card, a window or another interface) corresponding to a media program may be generated for presentation in a user interface in a manner consistent with the visual theme, including an image associated with the media program and colors selected from a color palette based on one or more colors of the image. As is shown in FIG. **5**B, a user interface **520** is rendered by a mobile device **582** in a display **585**. The user interface **520** includes a first section **522** in the predominant color C.sub.5-9, a second section **524** in a white or neutral color, and a third section **526** surrounding the image **528**, where the third section **526** includes a frame in the counterpart color C.sub.5-12. Subsequently, where a listener requests to receive the media program via the mobile device **582**, data representing the media program may be transmitted to the mobile device **582** and played thereon.

(109) Moreover, any other user interfaces associated with the same media program may feature one or more of the predominant color C.sub.5-9, or the counterpart color C.sub.5-12, along with any other colors or features. For example, where a listener selects any portion of the user interface **520** shown in FIG. **5**B, and indicates an interest in playing the media program on the mobile device **582**, another user interface, such as the user interface **120**-**2** or the user interface **120**-**3**, may be

rendered by the mobile device **582** with the predominant color C.sub.5-9 in the first section **122**, the counterpart color C.sub.5-12 in the second section **124**, and the image **528** in lieu of the image **128**, on a dividing line between the first section **122** and the second section **124**.

(110) As is further discussed above, user interfaces (e.g., pages, cards, windows or other interfaces) for playing media programs may include one or more visual identifiers such as icons that may be used to identify a participant such as a creator, a guest, a listener, or another participant who is currently speaking during a media program. The visual identifiers may include one or more features that identify or represent attributes of audio data of the media program, e.g., frequencies, intensities, speech rates or others, and associate such audio data or attributes with one or more of the participants. Referring to FIG. **6**, a flow chart **600** of one process for playing media in accordance with embodiments of the present disclosure is shown.

(111) At box **610**, code for displaying a card including an image of a creator of a media program in a manner consistent with a theme is transmitted to a device of a listener. For example, the code may include information or data for causing a display of a card or another user interface that includes the image of the creator, along with any other information or data regarding the media program, in accordance with a visual theme. In some implementations, the card may include one section having a color selected from a color palette based on one or more colors depicted within the image, and another section having a different color selected based on that color. In some other implementations, the card may further include information or data identifying the media program or the creator. In still other implementations, where the media program is being aired live at a time that the code is transmitted to the device of the listener, the card may also identify a number of listeners who are then listening to the media program, or a number of listeners who have expressed approval of the media program, e.g., by one or more interactions with the card or other user interfaces rendered on their respective devices, or in any other manner. Alternatively, in some other implementations, where the media program is not being aired live at the time that the code is transmitted to the device of the listener, the card may indicate a date or a time that the media program will be aired in the future, or include one or more interactive features (e.g., buttons) that, when selected by the listener, will cause one or more previously aired media programs to be transmitted to the device of the listener, or will create one or more electronic files or records, e.g., in a calendar or another system, that will remind the listener at a time when the media program is aired in the future, and recommend that the listener begin listening to the media program at that time, or otherwise cause the media program to be transmitted to the device of the listener at that time.

(112) The image may have been received from the creator of the media program, or retrieved or otherwise obtained from any other source. The image may be an actual image of the creator or, alternatively, an avatar representing the creator, or any other image selected by or identified for the creator. Alternatively, the image may be any other image associated with the media program, e.g., an individual (such as a guest or a listener), a symbol, a logo, an icon, a flag, or any other item or feature of the media program, and need not depict the creator.

(113) Any of the information or data displayed in the card may be included as a requirement of or in accordance with a visual theme, or for any other reason, e.g., upon a request or a designation of a creator of the media program, in accordance with a rule or requirement of a control system with which the media program is associated, or on any other basis.

(114) At box **620**, data for playing the media program is transmitted to the device of the listener. The data may be streamed to the media program in any manner, e.g., over one or more networks via a wired or wireless connection, and at any speed or level of quality, in any format or according to any standards. Moreover, the data may be transmitted to the device of the listener with the card displayed thereon, or with any other information or data displayed thereon, or no information or data displayed thereon.

(115) At box **630**, whether a voice of the creator is detected within the data is determined. For

example, the voice of the creator may be identified or detected by partitioning the data or a transcript derived from the data into segments corresponding to different speakers, e.g., by one or more speaker diarization techniques, which may determine that one or more words or phrases of the transcript are in a number of different, individual voices, or spoken by a number of different, individual speakers. In some implementations, a voice of a creator may be identified based on information regarding statuses or configurations of devices of respective participants at various times during the transmission of media content, such as times at which microphones or other acoustic sensors are muted or are operational, or times at which communications channels have been established between such devices. Likewise, a voice of a creator may be identified based on relative intensities or energies of acoustic signals received from devices of participants in the media program, including a device of the creator or devices of any other participants.

(116) If the voice of the creator is detected within the data, then the process advances to box **640**, where one or more attributes of the voice of the creator within the data are determined. Such attributes may include, but need not be limited to, frequencies, intensities, sound pressure levels, speech rates, or others.

(117) At box **650**, an icon is caused to be displayed on the image of the creator consistent with the attributes of the voice of the creator. For example, the icon may be a visible ring or other marking or indication that may be displayed in association with the image of the creator, to visibly indicate that the creator is speaking. In some implementations, the icon may include one or more visible attributes, such as colors, sizes, dimensions, shapes, or others, that are selected based on the attributes of the voice of the creator. For example, one color (e.g., red) of the icon may be selected where a frequency, an intensity, a sound pressure level, or a speech rate of the voice of the creator is high, while another color of the icon (e.g., green or blue) may be selected where the frequency, the intensity, the sound pressure level, or the speech rate of the voice of the creator is low. Alternatively, the icon may have one size (e.g., a comparatively large size) where a frequency, an intensity, a sound pressure level, or a speech rate of the voice of the creator is high, and another size (e.g., a comparatively small size) where the frequency, the intensity, the sound pressure level, or the speech rate of the voice of the creator is low. Any other variation in a visual attribute of the icon or another marking or indication may be selected on any basis.

(118) In some implementations, visual attributes of the icon may be varied based on changes in the voice of the creator. For example, where a frequency, an intensity, a sound pressure level, or a speech rate of the voice of the creator increases or decreases while the creator speaks, a visual attribute of the icon (e.g., a color, a size, a dimension, a shape or any other attribute) may be varied accordingly. Furthermore, in some implementations, the icon may be of any color, size, dimension or shape, and need not be limited to multi-colored circular rings. Moreover, the icon may be displayed in any location or orientation with respect to the image of the creator (or any other aspect of the media program), and need not be displayed over or around the image.

(119) At box **660**, after the icon has been caused to be displayed on the image of the creator at box **650**, or after the voice of the creator is not detected within the data at box **630**, where whether a voice of another participant is detected within the data is determined, e.g., by one or more speaker diarization techniques, which may be used to identify the voice based on attributes of the data, statuses or configurations of devices of participants at various times, statuses of communications channels between devices, relative intensities or energies of acoustic signals received from devices, or in any other manner.

(120) If a voice of another participant is detected, then the process advances to box **670**, where an image of the other participant is identified. The image may be identified in any manner, and may be an actual image of the other participant, an avatar of the other participant, or any other image representative of the other participant, which may be selected by the participant, by the creator, or by any other entity associated with the media program.

(121) At box **672**, the code for displaying the card is updated to include the image of the other

participant identified at box **670**. For example, the code may be updated to include one or more references to the image of the other participant, as well as any associated references, tags or other sets of code.

(122) At box **674**, one or more attributes of the voice of the other participant are determined from the data. As is discussed above with regard to box **640**, the one or more attributes may include, but need not be limited to, frequencies, intensities, sound pressure levels, speech rates, or others.

(123) At box **676**, an accent icon is caused to be displayed on the image of the other participant, consistent with the attributes of the voice of the other participant determined at box **674**. For example, the accent icon may have the same colors, sizes, dimensions, shapes or other attributes as the accent icon that was caused to be displayed on the image of the creator at box **650**, or one or more different colors, sizes, dimensions, shapes or other attributes. Furthermore, the colors, sizes, dimensions, shapes or other attributes of the accent icon that is caused to be displayed on the image of the other participant may be selected in the same manner as the colors, sizes, dimensions, shapes or other attributes of the accent icon that was caused to be displayed on the image of the creator at box **650** and described above, or in any other manner.

(124) At box **678**, whether the other participant has departed the media program is determined. For example, when a participant joins the media program, one or more two-way connections or bidirectional communications channels may be established between a control system (or another system) associated with the media program and a device of the other participant. Therefore, a departure of the other participant may be determined where the two-way connections or bidirectional communications channels have been disestablished or otherwise terminated or closed. If the other participant has departed the media program, then the process advances to box **680**, where code for displaying the card is updated to remove the image of the other participant.

(125) If the other participant has not departed the media program, or after the code for displaying the card has been updated to remove the image of the other participant, then the process advances to box **690**, where whether the media program has timed out, or otherwise reached a conclusion, is determined. For example, a media program may conclude when a previously scheduled time of conclusion has been reached, when the media program has been aired for a previously established duration, or upon an action by the creator or any other entity. If the media program has not timed out or otherwise concluded, then the process returns to box **620**, where data for playing the media program is transmitted to the device of the listener. If the media program has timed out or otherwise concluded, however, then the process ends.

(126) Themes for generating or rendering user interfaces of applications for playing media programs in accordance with implementations of the present disclosure may be modified or varied, as necessary, to generate any number or type of user interfaces based on a status of the media program or in response to any interactions received from the listener. Referring to FIGS. **7**A through **7**D, views of aspects of one system for playing media in accordance with embodiments of the present disclosure are shown. Except where otherwise noted, reference numerals preceded by the number “7” shown in FIGS. **7**A through **7**D indicate components or features that are similar to components or features having reference numerals preceded by the number “5” shown in FIG. **5**A or **5**B, by the number “3” shown in FIG. **3**, by the number “2” shown in FIG. **2**A or FIG. **2**B or by the number “1” shown in FIGS. **1**A through **1**E.

(127) As is shown in FIG. **7**A, a card **720-1** (or a page, a window or another user interface) includes an upper section **722** in a first color C.sub.7-1, a lower section **724** in a second color C.sub.7-2, and a middle section **726** (or third section) in a third color C.sub.7-3, including an image **728** of a creator of a media program, or any other aspect of the media program, provided on a divider or boundary between the upper section **722** and the lower section **724**. In some implementations, the first color C.sub.7-1 may be selected from a color palette based on one or more colors depicted within the image **728**, such as is discussed above with regard to FIGS. **5**A and **5**B. In some other implementations, the third color C.sub.7-3 may be selected from the color palette

based on the first color C.sub.7-1, e.g., as a counterpart to the first color C.sub.7-1, or to generate a visual contrast with the first color C.sub.7-1. The card **720-1** may further include any number or type of other information or data regarding the media program, such as an identifier **730** (e.g., a title) of the media program, an identifier **715** (e.g., a name) of the creator, identifiers **736** of numbers of listeners to the media program, or listeners **738** that have provided a positive rating or interaction regarding the media program, an indicator **735** that the media program is currently being aired "live," an icon **788** associated with a profile of a listener, or any tags or other phrases identifying subjects, themes or topics of the media program, or any other information or data.

(128) A listener may request to receive the media program by executing one or more gestures or other interactions with the card **720-1**, e.g., by selecting the image **728**, or executing any other gestures or interactions. Attributes or features of the card **720-1** may be included in other cards displayed during the media program. As is shown in FIG. **7**B, a card **720-2** includes an upper section **722** in the first color C.sub.7-1 and a lower section **724** in the third color C.sub.7-3. The upper section **722** of the card **720-2** is smaller (e.g., shorter) than the upper section **722** of the card **720-1**, and the lower section **724** of the card **720-2** is larger (e.g., taller) than the lower section **724** of the card **720-1**. Additionally, the image **728** is provided on a divider or boundary between the upper section **722** or the lower section **724** of the card **720-2**, and includes an icon **725** (e.g., a ring, a speaker ring, an accent icon, or another marking) provided around the image **728**. The icon **725** may have any number of colors, sizes, dimensions, shapes, or other visual attributes that may be selected based on attributes of audio data being received from the creator.

(129) Additionally, the card **720-2** further includes images **780-1**, **780-2** of participants (e.g., guests or listeners) who are authorized or permitted to participate in the media program. The image **780-2** of the participant is darkened and includes a muted microphone icon superimposed thereon, indicating that the contributions by that participant are temporarily muted. The card **720-2** also includes an interactive feature **740** that, when selected, enables a listener to request to join or participate in the media program, e.g., in response to a request by the creator or at any other time.

(130) As is shown in FIG. **7**C, when one of the participants depicted within the image **780-1** begins speaking, a card **720-3** including an upper section **722** in the first color C.sub.7-1 and a lower section **724** in the third color C.sub.7-3 is shown, with the image **728** provided on a divider or boundary between the upper section **722** or the lower section **724**. Additionally, the card **720-3** further includes the images **780-1**, **780-2** of the participants and the interactive feature **740**, and the icon **725** shown in association with the image **780-1**, with any number of colors, sizes, dimensions, shapes, or other visual attributes that may be selected based on attributes of audio data being received from that participant.

(131) A creator may also cause one or more media entities to be played in accordance with a media program, and attributes or features of the cards **720-1**, **720-2**, **720-3** may be included in other cards displayed during the media program. As is shown in FIG. **7**D, a card **720-4** includes an upper section **722** in the first color C.sub.7-1 and a lower section **724** in the third color C.sub.7-3. The upper section **722** of the card **720-4** is smaller (e.g., shorter) than the upper sections **722** of the card **720-1** or the cards **720-2**, **720-3**, and the lower section **724** of the card **720-4** is larger (e.g., taller) than the lower sections **724** of the card **720-1** or the cards **720-2**, **720-3**. Additionally, the image **728** is provided on a divider or boundary between the upper section **722** or the lower section **724** of the card **720-4**, in a smaller size than the image **728** in any of the cards **720-1**, **720-2**, **720-3**. The card **720-4** also includes images **780-1**, **780-2** of the participants (e.g., guests or listeners) and the interactive feature **740** provided beneath the image **728**.

(132) Additionally, the card **720-4** further includes an image **770** associated with a media entity (e.g., an album) and a title **775** of the media entity, provided in the lower section **724** of the card **720-4**. The image **770** and the title **775** may be displayed when the media entity is played in accordance with the media program, e.g., upon a selection or instruction of the creator, which may cause one or more one-way connections or unidirectional channels to be established with a media

source having access to the media entity, and the media entity to be transmitted to a control system and then to devices of any number of listeners via one or more networks. Moreover, because the media entity is being played, neither the image **728** nor either of the images **780-1**, **780-2** includes an accent icon associated therewith, and each of the images **728** and the images **780-1**, **780-2** is darkened and includes a muted microphone icon superimposed or overlaid thereon, indicating that media content is not being received from the creator or either of the participants.

(133) A listener may operate an application for playing media to review user interfaces associated with media programs, such as by scrolling between such pages, in a dynamic manner, and may select a media program based on one of such pages. Referring to FIG. **8**, views of aspects of one system for playing media in accordance with embodiments of the present disclosure are shown. Except where otherwise noted, reference numerals preceded by the number "8" shown in FIG. **8** indicate components or features that are similar to components or features having reference numerals preceded by the number "7" shown in FIGS. **7**A through **7**D, by the number "5" shown in FIG. **5**A or **5**B, by the number "3" shown in FIG. **3**, by the number "2" shown in FIG. **2**A or FIG. **2**B or by the number "1" shown in FIGS. **1**A through **1**E.

(134) As is shown in FIG. **8**, a mobile device **882** includes a first card (or another user interface) **820-1** rendered in a user interface on a display **885**. The first card **820-1** includes an image associated with a first media program, e.g., an image of a creator of the first media program, as well as a title of the first media program, and any other information regarding the first media program. The first card **820-1** is displayed in accordance with a first visual theme and includes sections having colors selected based on colors of the image, including a first color selected based on a predominant color of the image (e.g., as determined according to a histogram), a second color that is white or substantially neutral, and a third color that is a counterpart to the first color. In some implementations, media content of the first media program may be automatically transmitted to the mobile device **882** when the first card **820-1** is displayed thereon, such as where the first media program is being aired "live" to devices of listeners. Alternatively, a listener **880** may request to receive the first media program by executing one or more interactions with the display **885** when the first card **820-1** is displayed thereon.

(135) As is further shown in FIG. **8**, the display **885** further includes a window **845** overlaying the first card **820-1**. The window **845** includes an identifier of a media program then being played by the mobile device **882**, as well as one or more controls for stopping, pausing or playing the media program, or one or more interactive features for causing the window **845** to be removed from the display **885**. In some implementations, upon a selection of a portion of the window **845**, a user interface associated with the media program then being played may be shown on the display **885**, and in a visual theme associated with that media program.

(136) A listener or another operator of the mobile device **882** may also request to receive information or data associated with a different media program by one or more gestures or other interactions with the display **885**. For example, as is shown in FIG. **8**, the listener **880** swipes, slides or otherwise move the first card **820-1** off the display **885**, and a second page **820-2** replaces the first page **820-1** and appears thereon. The window **845** remains in position on the display **885** as the second card **880-2** replaces the first card **820-1**.

(137) The second card **820-2** is similar to the first card **820-1** in one or more respects and includes information or data regarding a second media program in accordance with a second visual theme, e.g., an image of a creator of the second media program, as well as a title of the second media program, sections having colors selected based on colors of the image, including a first color selected based on a predominant color of the image (e.g., as determined according to a histogram), a second color that is white or substantially neutral, and a third color that is a counterpart to the first color, or any other information or data. In some implementations, media content of the second media program may be automatically transmitted to the mobile device **882** when the second card **820-2** is displayed thereon, e.g., where the second media program is being aired "live" to devices of

listeners, or a listener **880** may request to receive the second media program by executing one or more interactions with the display **885**.

(138) A listener or another operator of the mobile device **882** may further request to receive a different media program by one or more gestures or other interactions with the display **885**. For example, as is further shown in FIG. **8**, when the listener **880** swipes, slides or otherwise moves the second card **820-2** off the display **885**, a third card **820-3** replaces the second card **820-2** and appears thereon.

(139) The third card **820-3** is similar to the first card **820-1** or the second card **820-2** in one or more respects and includes information or data regarding a third media program in accordance with a third visual theme, e.g., an image of a creator of the third media program, as well as a title of the third media program, sections having colors selected based on colors of the image, including a first color selected based on a predominant color of the image (e.g., as determined according to a histogram), a second color that is white or substantially neutral, and a third color that is a counterpart to the first color, or any other information or data. In some implementations, media content of a past episode or version of the third media program may be automatically transmitted to the mobile device **882** when the third card **820-3** is displayed thereon, e.g., where the third media program is not then being transmitted to devices of listeners, or a listener **880** may request to schedule to receive the third media program by executing one or more interactions with the display **885**.

(140) As is discussed above, an application for playing media by a computer device or system associated with a listener may include one or more interactive features that enable the listener to become a creator of a media program, and generate a visual theme for displaying user interfaces (e.g., pages, cards, windows or other interfaces) based on one or more images selected by or otherwise associated with the listener. Referring to FIGS. **9**A through **9**H, views of aspects of one system for playing or creating media in accordance with implementations of the present disclosure are shown. Except where otherwise noted, reference numerals preceded by the number “9” shown in FIGS. **9**A through **9**H, indicate components or features that are similar to components or features having reference numerals preceded by the number “8” shown in FIG. **8**, by the number “7” shown in FIGS. **7**A through **7**D, by the number “5” shown in FIG. **5**A or **5**B, by the number “3” shown in FIG. **3**, by the number “2” shown in FIG. **2**A or FIG. **2**B or by the number “1” shown in FIGS. **1**A through **1**E.

(141) As is shown in FIG. **9**A, a mobile device **982** includes a user interface **920-1** (e.g., a page, a card, a window or another user interface) rendered on a display **985**. The user interface **920-1** is associated with a media program, and may be displayed by an application for playing or creating media operating on the mobile device **982**, or by any other computer device or system.

(142) The user interface **920-1** includes a plurality of sections in various colors or having various features, e.g., in accordance with a visual theme generated for the media program. The user interface **920-1** further includes an interactive feature **932** that, upon a selection by an operator **980** (e.g., a listener) of the mobile device **982**, may enable the operator **980** to become a creator of a media program. The user interface **920-1** also includes an icon **988** that may be selected to access or identify information regarding the operator **980**, e.g., a profile or another set of information or data identifying one or more settings or preferences associated with the operator **980** or the mobile device **982**. The icon **988** further includes an image **928** of the operator **980**, which may be stored in a profile of the operator **980** or in any other file, record or location associated with the operator **980**.

(143) In some implementations, where the operator **980** expresses an interest in becoming a creator (or a host) of a media program, e.g., upon a selection of the interactive feature **932**, or at any other time, an image associated with (or selected by or for) the operator **980** may be processed to identify a color C.sub.9-1 included in the image **928**, e.g., by a color histogram, or on any other basis. Alternatively, a color may be identified within any other image associated with the operator **980** or

a media program that the operator **980** intends to create or host, and the image need not depict the operator **980**. Moreover, once the color C.sub.9-1 has been identified from the image **928**, a color C.sub.9-2 and a color C.sub.9-3 may be selected from a color palette, or otherwise identified from any other source. For example, in some implementations, the color C.sub.9-2 may be selected based on its proximity to the color C.sub.9-1 identified from the image **928**, while the color C.sub.9-3 may be selected as a counterpart to the color C.sub.9-2, e.g., based on a level of contrast between the color C.sub.9-2 and the color C.sub.9-3.

(144) Upon receiving the selection of the interactive feature **932** of the user interface **920-1** shown in FIG. **9**A, an application operating on the mobile device **982** permits the operator **980** to designate one or more parameters of a media program that the operator **980** intends to air as a creator or host. In some implementations, the application may cause one or more user interfaces to be displayed in accordance with a visual theme including the color C.sub.9-2, the color C.sub.9-3 and the image **928**. As is shown in FIG. **9**B, a user interface **920-2** is displayed on the display **985** of the mobile device **982**. The user interface **920-2** includes a first section **922** in the color C.sub.9-2 and a second section **924** in the color C.sub.9-3, e.g., in accordance with a visual theme.

(145) The first section **922** of the user interface **920-2** occupies an entire height and width of the display **985**, and includes a text box **960** for receiving a title of a media program, a plurality of interactive features **962** that enable the selection of a topic or theme of the media program, a text box **964** for entering a description or one or more details of the media program, a check box **966** for indicating that the media program may include explicit language or mature content, and an interactive feature **968** (e.g., a button) that may be selected to confirm entries of a title, a description or details, selections of topics or themes, or designations of explicit language or mature content. Alternatively, the user interface **920-2** may include any other interactive features that enable an operator of the mobile device **982** to designate any other attributes of a media program, or to provide any other information or data regarding the media program.

(146) The second section **924** of the user interface **920-2** has a frame with a substantially square shape and includes the image **928** therein. The second section **924** of the user interface **920-2** is provided above the text box **960**, and has a width that is slightly less than a width of the display **985**, such that portions of the first section **922** in the color C.sub.9-2 surround the second section **924** in the color C.sub.9-3, above, below and on either side of the second section **924** of the user interface **920-2**.

(147) Upon receiving a selection of one or more of the interactive features **962** of the user interface **920-2** of FIG. **9**B, an application operating on the mobile device **982** permits the operator **980** to designate one or more topics or themes of the media program by gestures or other interactions with the display **985**. As is shown in FIG. **9**C, a user interface **920-3** is displayed on the display **985** of the mobile device **982**. The user interface **920-3** includes a plurality of interactive features **962**, any of which may be selected in order to indicate one or more topics of a media program. As is shown in FIG. **9**C, the operator **980** selects two of the interactive features **962**, e.g., a topic **934-1** (viz., "Fashion & Beauty") and a topic **934-2** (viz., "Home & Garden"). Additionally, as is shown in FIG. **9**C, a background of the user interface **920-3** is shown in the color C.sub.9-2. Alternatively, one or more portions of the user interface **920-3** may be in any color, e.g., the color C.sub.9-3 or any other color, in accordance with a visual theme of the media program.

(148) Upon selecting one or more topics or themes of a media program via the user interface **920-3**, the operator **980** may return to the user interface **920-2**, e.g., by one or more gestures or other interactions with a back arrow, a carat or another feature on the user interface **920-3**, or in any other manner. As is shown in FIG. **9**D, the operator **980** may enter one or more alphanumeric characters, symbols or any other indicia into the text box **960** to designate a title **930** of the media program, and enter one or more alphanumeric characters, symbols or any other indicia into the text box **964** to provide a description **937** of the media program. The operator **980** may check or uncheck the check box **966** to indicate whether the media program may include explicit material or mature

content, and may select the interactive feature **968** to continue establishing one or more other parameters of the media program, or to initiate an airing of the media program.
(149) Upon receiving a selection of the interactive feature **968** of the user interface **920-2** of FIG. **9**D, an application operating on the mobile device **982** displays one or more user interfaces that permit the operator **980** to initiate an airing of the media program, or to designate one or more other parameters of the media program.
(150) As is shown in FIG. **9**E, a user interface **920-4** is displayed on the display **985** of the mobile device **982**. The user interface **920-4** includes a first section **922** in the color C.sub.9-2 and a second section **924** in the color C.sub.9-3. The first section **922** of the user interface **920-4** includes the title **930** of the media program designated by the operator **980**, as well as an identifier **936** of a number of listeners to the media program and an identifier **938** of a number of such listeners who have provided a positive rating or interaction regarding the media program. In some implementations, a color of a font of the title **930** or colors of the identifiers **936**, **938** may be selected to provide a visual contrast with the color C.sub.9-2 of the first section **922**, in accordance with the visual theme. The first section **922** also includes an interactive feature **955** that, when selected, causes the media program to begin airing, and enables the operator **980** to provide media content for inclusion in the media program via the mobile device **982**.
(151) The second section **924** of the user interface **920-4** includes the image **928** of the operator **980** provided on a background in the color C.sub.9-3, in accordance with the visual theme. The second section **924** further includes an interactive feature **944** provided in association with the image **928** that may be selected, when the media program is being aired, in order to mute the mobile device **982**, e.g., to enable or prevent the mobile device **982** to capture audio data in the form of spoken or sung words, or other audio data, and transmit the audio data for inclusion in the media program. As is shown in FIG. **9**E, the interactive feature **944** has a darkened appearance and depicts an icon representing a microphone with a slash or another diagonal line passing therethrough, thereby indicating that the mobile device **982** is not enabled to capture audio data.
(152) Below the second section **924**, an interactive feature **952** (e.g., a button) that may be selected to enable the operator **980** to designate any number of other parameters of the media program is provided. Also below the second section **924**, an interactive feature **972** (e.g., a button) that may be selected to enable the operator **980** to designate any number of media entities (e.g., songs) to be included in a playlist to be played during the media program is also provided.
(153) Upon receiving a selection of the interactive feature **972** of the user interface **920-4** of FIG. **9**E, an application operating on the mobile device **982** permits the operator **980** to select one or more media entities (e.g., songs) for inclusion in a playlist or to be otherwise played during the media program. As is shown in FIG. **9**F, a user interface **920-5** is displayed on the display **985** of the mobile device **982**. The user interface **920-5** includes a first section **922** in the color C.sub.9-2 and a second section **924** in the color C.sub.9-3, in accordance with the visual theme. The first section **922** of the user interface **920-5** includes the title **930**, as well as the identifier **936** and the identifier **938**. The first section **922** further includes the interactive feature **955**.
(154) The second section **924** of the user interface **920-5** further displays a playlist **975** having a plurality of media entities **974-1**, **974-2**, **974-3** (e.g., songs) to be played during the media program. The media entities **974-1**, **974-2**, **974-3** may be identified by any number of images, icons or sets of text, which may indicate a title of a media entity, an artist associated with the media entity, an album or another set of media entities with which the media entity is associated, a duration of the media entity, or any other information or data. Additionally, the second section **924** further includes an interactive feature **976** that may be selected by the operator **980** in order to permit the operator **980** to add one or more media entities to the playlist **975**, remove one or more media entities from the playlist, or modify an order of media entities in the playlist **975**.
(155) Upon receiving a selection of the interactive feature **955** of the user interface **920-5** of FIG. **9**F, an application operating on the mobile device **982** displays one or more user interfaces that

enable the operator **980** to confirm that he or she intends to initiate a “live” broadcast of the media program, e.g., in real time or near-real time via the mobile device **982**.

(156) As is shown in FIG. **9**G, a user interface **920-6** is displayed over the user interface **920-5**. The user interface **920-6** includes information or data regarding a procedure for initiating the media program, as well as a reminder of standards of conduct and terms of use. The user interface **920-6** also includes an interactive feature **946** (e.g., a button) that may be selected by the operator **980** in order to decline to initiate the “live” broadcast of the media program, and an interactive feature **948** that may be selected by the operator **980** in order to confirm that he or she intends to initiate the media program.

(157) Upon receiving a selection of the interactive feature **948** of the user interface **920-6** of FIG. **9**G, an application operating on the mobile device **982** is configured to capture audio data representing spoken or sung words or any other sounds and transmit the audio data to a control system or another system for transmission to devices of listeners to the media program. As is shown in FIG. **9**H, a user interface **920-7** is displayed on the display **985** of the mobile device **982**. The user interface **920-7** includes a first section **922** in the color C.sub.9-2 and a second section **924** in the color C.sub.9-3, in accordance with the visual theme. The first section **922** of the user interface **920-7** includes the title **930**, as well as the identifier **936** and the identifier **938**. The first section **922** further includes an interactive feature **956** that may be selected by the operator **980** to terminate the media program. The interactive feature **956** also includes a clock or another timer indicating an elapsed time since a start of the media program.

(158) The second section **924** of the user interface **920-7** includes an interactive feature **940** that may be selected by the operator **980** to permit any number of listeners to request to contact a control system or the mobile device **982** and request to participate in the media program. Additionally, the interactive features **952**, **972** are provided below the second section **924** of the user interface **920-7**.

(159) As is further shown in FIG. **9**H, the image **928** is provided on a divider or boundary between the first section **922** in the color C.sub.9-2 and the second section **924** in the color C.sub.9-3. The interactive feature **944** is provided in association with the image **928**. As is shown in FIG. **9**H, the interactive feature **944** has a lightened appearance and depicts the icon representing the microphone without the slash or other diagonal line passing therethrough, thereby indicating that the mobile device **982** is configured to capture audio data, and that such audio data will be transmitted to a control system (or another device or system) and to devices of any number of listeners to the media program.

(160) Although the disclosure has been described herein using exemplary techniques, components, and/or processes for implementing the systems and methods of the present disclosure, it should be understood by those skilled in the art that other techniques, components, and/or processes or other combinations and sequences of the techniques, components, and/or processes described herein may be used or performed that achieve the same function(s) and/or result(s) described herein and which are included within the scope of the present disclosure.

(161) Likewise, although some of the embodiments described herein or shown in the accompanying figures refer to media programs including audio files, the systems and methods disclosed herein are not so limited, and the media programs described herein may include any type or form of media content, including not only audio but also video, which may be transmitted to and played on any number of devices of any type or form. Where a media program includes video files, alternatively or in addition to audio files, a consumer of the media program may be a viewer or a listener, and the terms “viewer” and “listener” may likewise be used interchangeably herein.

(162) It should be understood that, unless otherwise explicitly or implicitly indicated herein, any of the features, characteristics, alternatives or modifications described regarding a particular embodiment herein may also be applied, used, or incorporated with any other embodiment described herein, and that the drawings and detailed description of the present disclosure are

intended to cover all modifications, equivalents and alternatives to the various embodiments as defined by the appended claims. Moreover, with respect to the one or more methods or processes of the present disclosure described herein, including but not limited to the flow chart shown in FIG. **4** or **6**, orders in which such methods or processes are presented are not intended to be construed as any limitation on the claimed inventions, and any number of the method or process steps or boxes described herein can be combined in any order and/or in parallel to implement the methods or processes described herein.

(163) Additionally, it should be appreciated that the detailed description is set forth with reference to the accompanying drawings, which are not drawn to scale. In the drawings, the use of the same or similar reference numbers in different figures indicates the same or similar items or features. Except where otherwise noted, one or more left-most digit(s) of a reference number identify a figure or figures in which the reference number first appears, while two right-most digits of a reference number in a figure indicate a component or a feature that is similar to components or features having reference numbers with the same two right-most digits in other figures.

(164) Conditional language, such as, among others, “can,” “could,” “might,” or “may,” unless specifically stated otherwise, or otherwise understood within the context as used, is generally intended to convey in a permissive manner that certain embodiments could include, or have the potential to include, but do not mandate or require, certain features, elements and/or steps. In a similar manner, terms such as “include,” “including” and “includes” are generally intended to mean “including, but not limited to.” Thus, such conditional language is not generally intended to imply that features, elements and/or steps are in any way required for one or more embodiments or that one or more embodiments necessarily include logic for deciding, with or without user input or prompting, whether these features, elements and/or steps are included or are to be performed in any particular embodiment.

(165) The elements of a method, process, or algorithm described in connection with the embodiments disclosed herein can be embodied directly in hardware, in a software module stored in one or more memory devices and executed by one or more processors, or in a combination of the two. A software module can reside in RAM, flash memory, ROM, EPROM, EEPROM, registers, a hard disk, a removable disk, a CD-ROM, a DVD-ROM or any other form of non-transitory computer-readable storage medium, media, or physical computer storage known in the art. An example storage medium can be coupled to the processor such that the processor can read information from, and write information to, the storage medium. In the alternative, the storage medium can be integral to the processor. The storage medium can be volatile or nonvolatile. The processor and the storage medium can reside in an ASIC. The ASIC can reside in a user terminal. In the alternative, the processor and the storage medium can reside as discrete components in a user terminal.

(166) Disjunctive language such as the phrase “at least one of X, Y, or Z,” or “at least one of X, Y and Z,” unless specifically stated otherwise, is otherwise understood with the context as used in general to present that an item, term, etc., may be either X, Y, or Z, or any combination thereof (e.g., X, Y, and/or Z). Thus, such disjunctive language is not generally intended to, and should not, imply that certain embodiments require at least one of X, at least one of Y, or at least one of Z to each be present.

(167) Unless otherwise explicitly stated, articles such as “a” or “an” should generally be interpreted to include one or more described items. Accordingly, phrases such as “a device configured to” are intended to include one or more recited devices. Such one or more recited devices can also be collectively configured to carry out the stated recitations. For example, “a processor configured to carry out recitations A, B and C” can include a first processor configured to carry out recitation A working in conjunction with a second processor configured to carry out recitations B and C.

(168) Language of degree used herein, such as the terms “about,” “approximately,” “generally,” “nearly” or “substantially” as used herein, represent a value, amount, or characteristic close to the

stated value, amount, or characteristic that still performs a desired function or achieves a desired result. For example, the terms “about,” “approximately,” “generally,” “nearly” or “substantially” may refer to an amount that is within less than 10% of, within less than 5% of, within less than 1% of, within less than 0.1% of, and within less than 0.01% of the stated amount.

(169) Although the invention has been described and illustrated with respect to illustrative embodiments thereof, the foregoing and various other additions and omissions may be made therein and thereto without departing from the spirit and scope of the present disclosure.

Claims

1. A first computer system comprising at least one data store and at least one computer processor, wherein the first computer system is connected to one or more networks, wherein the at least one data store has one or more sets of instructions stored thereon that, when executed by the at least one computer processor, cause the first computer system to perform a method comprising: generating first code for causing a display of a first card on a display, wherein the first card comprises: a first image associated with a first media program; and a first identifier associated with the first media program; transmitting at least the first code to at least a plurality of computer systems over one or more networks; causing a display of at least the first card on displays of each of the plurality of computer systems; receiving, from each of the plurality of computer systems, interactions with at least a portion of the first card on displays of each of the plurality of computer systems; and in response to the interactions, transmitting at least second code for causing a display of a second card on the displays to each of the computer systems over the one or more networks, wherein the second card comprises: at least a portion of the first image; at least a portion of the first identifier; and an interactive feature for initiating participation in the first media program; establishing one-way audio connections with each of the plurality of computer systems; transmitting data for playing at least a first portion of the first media program to each of the plurality of computer systems over the one or more networks by way of the one-way audio connections; receiving, from a second computer system, a second interaction with the interactive feature, wherein the second computer system is one of the plurality of computer systems; and in response to the second interaction, terminating the one-way audio connection with the second computer system; and establishing a two-way audio connection with the second computer system; transmitting data for playing at least a second portion of the first media program to the plurality of computer systems other than the second computer system over the one or more networks by way of the one-way audio connections with each of the plurality of computer systems other than the second computer system: transmitting at least the data for playing at least the second portion of the first media program to the second computer system over the one or more networks by way of the two-way audio connection; causing a display of a first accent icon in association with the portion of the first image on the second card on the displays of each of the plurality of computer systems; and causing a display of a second image associated with a user of the second computer system on the second card on the displays of each of the plurality of computer systems.

2. The first computer system of claim 1, wherein the method further comprises: receiving data from the second computer system over the one or more networks, wherein the data represents at least one word spoken by the user of the second computer system; removing the first accent icon from the second card on the displays of each of the plurality of computer systems; causing a display of a second accent icon in association with the second image on the second card on the displays of each of the plurality of computer systems; and transmitting data for playing at least a third portion of the first media program to at least the second computer system over the one or more networks by way of the two-way audio connection, wherein the third portion of the first media program represents the at least one word spoken by the user of the second computer system.

3. The first computer system of claim 1, further comprising: determining at least a first attribute of

the first portion of the media program, wherein the first attribute comprises a frequency, an intensity, a sound pressure level, or a speech rate of words spoken; and selecting at least a second attribute of the first accent icon based at least in part on the first attribute, wherein the second attribute comprises a color, a size, a dimension or a shape of the first accent icon, and wherein the first accent icon is displayed in a manner consistent with the second attribute.

4. The first computer system of claim 1, further comprising: determining a visual theme for the first media program based at least in part on a first color selected based at least in part on at least one color in the first image and a second color selected based at least in part on the first color, wherein each of the first card and the second card are displayed in accordance with the visual theme.

5. A method comprising: causing a display of first information regarding a first media program in a first user interface on a display of a first computer system, wherein the first information comprises a first set of text associated with the first media program and a first image associated with the first media program; receiving a first interaction with at least a portion of the first user interface; establishing a first one-way audio connection between a second computer system and the first computer system in response to the first interaction; transmitting first audio data from the second computer system to at least the first computer system, wherein the first audio data is transmitted from the second computer system to the first computer system by way of the first one-way audio connection, and wherein the first audio data represents at least a first portion of the first media program; causing at least the first audio data to be played by at least the first computer system; while the first audio data is played by at least the first computer system, causing a display of second information regarding the first media program in a second user interface on the display of the first computer system, wherein the second information comprises the first image and at least a portion of the first set of text, and wherein the second user interface comprises a first interactive feature for initiating participation in the first media program; and receiving a second interaction with the first interactive feature: in response to the second interaction, terminating the first one-way audio connection between the second computer system and the first computer system; and establishing a first two-way audio connection between the second computer system and the first computer system; transmitting second audio data from the second computer system to at least the first computer system by way of the first two-way audio connection, wherein the second audio data represents at least a second portion of the first media program, and wherein the second portion of the first media program comprises at least one word spoken by a person associated with the first media program: causing at least the second audio data to be played at least by the first computer system: while the second audio data is played by at least the first computer system, causing a display of a first icon in association with the first image in the second user interface; receiving third audio data by the second computer system from the first computer system by way of the first two-way audio connection, wherein the third audio data represents at least a third portion of the first media program, and wherein the third audio data comprises at least one word spoken by a person associated with the first computer system: transmitting at least a portion of the third audio data from the second computer system to at least the first computer system by way of the first two-way audio connection; causing at least the third audio data to be played by at least the first computer system; and while the third audio data is played by at least the first computer system, causing a display of a second image of a user associated with the first computer system in the second user interface; removing the first icon from the second user interface; and causing a display of a second icon in association with the second image in the second user interface.

6. The method of claim 5, wherein causing the display of the second image of the user associated with the first computer system in the second user interface comprises: replacing the first interactive feature with the second image in the second user interface.

7. The method of claim 5, wherein the first icon is a ring provided about at least the portion of the first image.

8. The method of claim 5, further comprising: determining, by the second computer system, at least

one attribute of the second audio data; and selecting, by the second computer system, at least one attribute of the first icon based at least in part on the at least one attribute of the second audio data.
9. The method of claim 8, further comprising: wherein the at least one attribute of the second audio data is one of a frequency, an intensity, a sound pressure level or a speech rate, and wherein the at least one attribute of the first icon is one of a color, a dimension, a shape or a size.
10. The method of claim 9, further comprising: transmitting fourth audio data from the second computer system to at least the first computer system by way of the first two-way audio connection, wherein the fourth audio data represents at least a third portion of the first media program, and wherein the third portion of the first media program comprises at least one word spoken by the person associated with the first media program; causing at least the fourth audio data to be played by the first computer system; determining, by the second computer system, at least one attribute of the fourth audio data; and varying, by the second computer system, the at least one attribute of the first icon based at least in part on the at least one attribute of the fourth audio data.
11. The method of claim 5, further comprising: receiving, by the second computer system from a third computer system, the first audio data at approximately a first time, wherein the third computer system is associated with a person associated with the first media program, wherein the first interaction is received at approximately the first time, and wherein the first information comprises an indicator that the first media program is being aired live.
12. The method of claim 5, further comprising: establishing a plurality of one-way audio connections, wherein each of the plurality of audio connections is established between the second computer system and one of a plurality of computer systems, wherein the first computer system is one of the plurality of computer systems, wherein the first one-way audio connection is the one of the plurality of audio connections established between the second computer system and the first computer system, and wherein transmitting the first audio data from the second computer system to at least the first computer system comprises: transmitting the first audio data from the second computer system to the first computer system and each of the plurality of computer systems by way of the plurality of one-way audio connections, and wherein the first information comprises a number of the plurality of computer systems.
13. The method of claim 5, further comprising: establishing a second two-way audio connection between the second computer system and a third computer system, wherein the second information further comprises a third image of a person associated with the third computer system.
14. The method of claim 13, further comprising: receiving fourth audio data by the second computer system from the third computer system, wherein the fourth audio data comprises at least one word spoken by the person associated with the third computer system; transmitting at least a portion of the fourth audio data from the second computer system to at least the first computer system; and causing a display of a third icon in association with the third image.
15. The method of claim 5, further comprising: transmitting, by the second computer system to the first computer system, a plurality of sets of data, wherein each one of the plurality of sets of data comprises information regarding one of a plurality of media programs including a set of text associated with the one of the plurality of media programs and an image associated with the one of the plurality of media programs; and prior to causing the display of the first information regarding the first media program in the first user interface, causing a display of third information regarding a second media program in a third user interface on the display of the first computer system, wherein the third information comprises a second set of text associated with the second media program and a second image associated with the second media program; and receiving a second interaction with at least a portion of the third user interface, wherein the second interaction is a swipe of the third user interface, wherein the display of the first information regarding the first media program in the first user interface on the display of the first computer system is caused in response to the second interaction.
16. The method of claim 5, further comprising: transmitting fourth audio data from the second

computer system to at least the first computer system, wherein the fourth audio data is transmitted from the second computer system to the first computer system by way of the first one-way audio connection, and wherein the fourth audio data represents at least one media entity; causing at least the fourth audio data to be played by the first computer system; and while the fourth audio data is played by the first computer system, causing a display of a second image associated with the at least one media entity in the second user interface.

17. The method of claim 5, further comprising: selecting a first color based at least in part on at least one color in the first image, wherein the first color is one of a plurality of colors in a color palette selected based at least in part on proximity to the at least one color in the first image; and selecting a second color based at least in part on the first color, wherein the second color is one of complementary to the first color, analogous to the first color, a triadic color to the first color or a tetradic color to the first color, wherein an upper portion of the first user interface is displayed in the first color, wherein a lower portion of the first user interface is displayed in the second color, wherein an upper portion of the second user interface is displayed in the first color, and wherein a lower portion of the second user interface is displayed in the second color.

18. The method of claim 5, further comprising: transmitting fourth audio data from the second computer system to at least the first computer system by way of the first two-way audio connection, wherein the fourth audio data represents at least a fourth portion of the first media program, and wherein the fourth portion of the first media program comprises at least one word spoken by the person associated with the first media program; causing at least the fourth audio data to be played at least by the first computer system; removing the second icon from the second user interface; and causing a display of the first icon in association with the first image in the second user interface.

19. A first computer system comprising a display, at least one data store and at least one processor, wherein the at least one data store is programmed with one or more sets of instructions that, when executed by the at least one computer processor, cause the first computer system to at least: receive a plurality of sets of data from a second computer system, wherein each one of the plurality of sets of data comprises a set of text associated with the one of a plurality of media programs and an image associated with the one of the plurality of media programs; cause a display of a first user interface on the display based at least in part on a first set of data of the plurality of sets of data, wherein the first set of data is associated with a first media program of a plurality of media programs, and wherein the first user interface comprises a first set of text associated with the first media program and a first image associated with the first media program; receive a first interaction by a user of the first computer system with at least a portion of the first user interface; transmit information regarding the first interaction to the second computer system; establish a one-way audio connection with the second computer system in response to the first interaction; receive first audio data from the second computer system by way of the one-way audio connection in response to the first interaction, wherein the first audio data represents at least a first portion of the first media program; cause at least the first audio data to be played by at least one speaker associated with the first computer system; cause a display of a second user interface on the display of the first computer system, wherein the second user interface comprises the first image, at least a portion of the first set of text, and an interactive feature for initiating participation in the first media program; receive a second interaction by the user of the first computer system with the interactive feature; transmit information regarding the second interaction to the second computer system; establish a two-way audio connection with the second computer system in response to the second interaction; cause a display of a second image associated with the user of the first computer system in the second user interface; receive second audio data from the second computer system by way of the two-way audio connection, wherein the second audio data represents at least a second portion of the first media program; select at least one of a color, a dimension, a shape or a size of a first icon based at least in part on a frequency, an intensity, a sound pressure level or a speech rate of the

second audio data; and cause a display of the first icon in association with one of the first image or the second image on the second user interface.

20. The first computer system of claim 19, further comprising a microphone, wherein the second audio data represents at least one word spoken by a creator of the first media program, wherein the first icon is displayed in association with the first image on the second user interface, and wherein the one or more sets of instructions, when executed by the at least one computer processor, further cause the first computer system to at least: capture third audio data by the microphone; transmit at least a portion of the third audio data to the second computer system by way of the two-way audio connection; select at least one of a color, a dimension, a shape or a size of a second icon based at least in part on a frequency, an intensity, a sound pressure level or a speech rate of the third audio data; remove the first icon from the second user interface; and cause a display of the second icon in association with the second image on the second user interface.