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(54) Title: USER INTERFACES FOR ELECTRONIC VOICE COMMUNICATIONS

(57) Abstract: The present disclosure generally relates to user interfaces for managing electronic voice communications using an electronic device. In some embodiments, techniques for managing user contacts for electronic voice communications using an electronic device are described. In some embodiments, techniques for managing incoming and outgoing electronic voice communications using an electronic device are described.

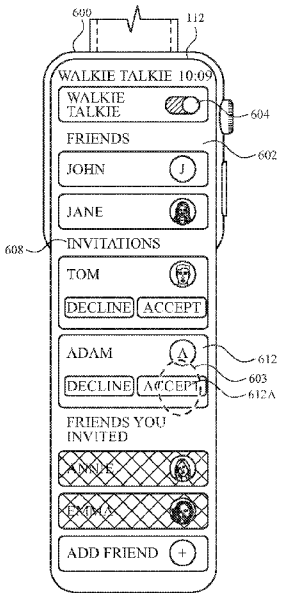


FIG. 6B

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What is claimed is:

1. A method comprising:

at an electronic device with a display device and a wireless communication radio:

receiving a first input corresponding to a request to display a first user interface for a first communication application; and

in response to receiving the first user input, displaying, on the display device, the first user interface, wherein displaying the first user interface includes concurrently displaying representations of a plurality of contactable users, including a first contactable user and a second contactable user, wherein concurrently displaying the representations of the plurality of contactable users includes:

in accordance with a determination that a selectable user interface element is in an active state, wherein the active state enables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with an accepted invitation to communicate with a user of the electronic device via the first communication application, displaying the representation of the first contactable user with a first value for a first visual property of the representation of the first contactable user;

in accordance with a determination that the first contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with the first value for the first visual property of the representation of the first contactable user;

in accordance with a determination that the user of the electronic device has sent an invitation to the first contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with a second value for the first visual property of the representation of the first contactable user that is different from the first value;

in accordance with a determination that the second contactable user is associated with an accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second

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contactable user interface with the first value for a first visual property of the representation of the second contactable user;

in accordance with a determination that the second contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the first value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the user of the electronic device has sent an invitation to the second contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the second value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the selectable user interface element is in an inactive state, wherein the inactive state disables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the first contactable user with a third value for the first visual property of the representation of the first contactable user, wherein the third value is different from the first value; and

in accordance with a determination that the second contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the third value for the first visual property of the representation of the second contactable user, wherein the third value is different from the first value.

2. The method of claim 1, wherein concurrently displaying the representations of the plurality of contactable users includes:

in accordance with a determination that there is no invitation between the user of the device and the first contactable user to communicate via the first communication application, displaying the representation of the first contactable user with the second value for the first visual property of the representation of the first contactable user; and

in accordance with a determination that there is no invitation between the user of the device and the second contactable user to communicate via the first communication application, displaying the representation of the second contactable user with the second value for the first visual property of the representation of the second contactable user.

3. The method of any one of claims 1-2, wherein the first user interface does not include a representation corresponding to a contactable user that cannot communicate with the user of the electronic device via the first communication application.

4. The method of any one of claims 1-3, wherein the first visual property of a representation corresponding to a respective user is a background color of the representation corresponding to the respective user.

5. The method of any one of claims 1-4, wherein:

the representations of a plurality of contactable users are displayed as an ordered list; and

representations of the plurality of contactable users that correspond to accepted invitations are at positions in the ordered list before the positions of representations of the plurality of contactable users that correspond to contactable users that have sent invitations to the user of the electronic device to communicate via the first communication application that have not yet been accepted and before the positions of representations of the plurality of contactable users that correspond to contactable users that the user of the electronic device has sent invitations to communicate via the first communication application that have not yet been accepted.

6. The method of any one of claims 1-5, further comprising:

in accordance with a determination that the first contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying, in association with the representation of the first contactable user:

an accept affordance that, when selected, accepts the invitation from the first contactable user to the user of the electronic device to communicate via the first communication application; and

a decline affordance that, when selected, declines the invitation from the first contactable user to the user of the electronic device to communicate via the first communication application.

7. The method of claim 5, wherein representations of the plurality of contactable users that correspond to contactable users that have sent invitations to the user of the electronic device to communicate via the first communication application that have not yet been accepted are at positions in the ordered list before the positions of representations of the plurality of contactable users that correspond to contactable users that the user of the electronic device has sent invitations to communicate via the first communication application that have not yet been accepted.

8. The method of any one of claims 1-7, wherein displaying the first user interface includes:

displaying an add affordance that, when selected, initiates a process for sending an invitation to a third contactable user to communicate via the first communication application.

9. The method of any one of claims 1-8, wherein the user of the electronic device has sent an invitation to the first contactable user to communicate via the first communication application that has not yet been accepted and the representation of the first user is displayed with the second value for the first visual property of the representation of the first contactable user, the method further comprising:

receiving a second user input corresponding to the representation of the first contactable user; and

in response to receiving the second user input, displaying, via the display device, a second user interface that includes:

a re-invite affordance that, when selected, sends another invitation to the first contactable user to communicate via the first communication application; and

a rescind invitation affordance that, when selected, rescinds the invitation to the first contactable user to communicate via the first communication application.

10. The method of any one of claims 1-9, further comprising:

receiving a third user input corresponding to a representation of a fourth contactable user that is displayed with the first value for the first visual property of the representation of the fourth contactable user; and

in response to receiving the third user input, initiating a process for establishing a communication session with the fourth contactable user using the first communication application.

11. A non-transitory computer-readable storage medium storing one or more programs configured to be executed by one or more processors of an electronic device with a display device and a wireless communication radio, the one or more programs including instructions for performing the method of any one of claims 1-10.

12. An electronic device, comprising:

a display device;

a wireless communication radio;

one or more processors; and

memory storing one or more programs configured to be executed by the one or more processors, the one or more programs including instructions for performing the method of any one of claims 1-10.

13. An electronic device, comprising:

a display device;

a wireless communication radio; and

means for performing the method of any one of claims 1-10.

14. A non-transitory computer-readable storage medium storing one or more programs configured to be executed by one or more processors of an electronic device with a display device and a wireless communication radio, the one or more programs including instructions for:

receiving a first input corresponding to a request to display a first user interface for a first communication application; and

in response to receiving the first user input, displaying, on the display device, the first user interface, wherein displaying the first user interface includes concurrently displaying

representations of a plurality of contactable users, including a first contactable user and a second contactable user, wherein concurrently displaying the representations of the plurality of contactable users includes:

in accordance with a determination that a selectable user interface element is in an active state, wherein the active state enables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with an accepted invitation to communicate with a user of the electronic device via the first communication application, displaying the representation of the first contactable user with a first value for a first visual property of the representation of the first contactable user;

in accordance with a determination that the first contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with the first value for the first visual property of the representation of the first contactable user;

in accordance with a determination that the user of the electronic device has sent an invitation to the first contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with a second value for the first visual property of the representation of the first contactable user that is different from the first value;

in accordance with a determination that the second contactable user is associated with an accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the first value for a first visual property of the representation of the second contactable user;

in accordance with a determination that the second contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the first value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the user of the electronic device has sent an invitation to the second contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of

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the second contactable user interface with the second value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the selectable user interface element is in an inactive state, wherein the inactive state disables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the first contactable user with a third value for the first visual property of the representation of the first contactable user, wherein the third value is different from the first value; and

in accordance with a determination that the second contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the third value for the first visual property of the representation of the second contactable user, wherein the third value is different from the first value.

15. An electronic device, comprising:

a display device;

a wireless communication radio;

one or more processors; and

memory storing one or more programs configured to be executed by the one or more processors, the one or more programs including instructions for:

receiving a first input corresponding to a request to display a first user interface for a first communication application; and

in response to receiving the first user input, displaying, on the display device, the first user interface, wherein displaying the first user interface includes concurrently displaying representations of a plurality of contactable users, including a first contactable user and a second contactable user, wherein concurrently displaying the representations of the plurality of contactable users includes:

in accordance with a determination that a selectable user interface element is in an active state, wherein the active state enables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with an accepted invitation to communicate with a user of the electronic device via the first communication application, displaying the representation of the first contactable user with a first value for a first visual property of the representation of the first contactable user;

in accordance with a determination that the first contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with the first value for the first visual property of the representation of the first contactable user;

in accordance with a determination that the user of the electronic device has sent an invitation to the first contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with a second value for the first visual property of the representation of the first contactable user that is different from the first value;

in accordance with a determination that the second contactable user is associated with an accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the first value for a first visual property of the representation of the second contactable user;

in accordance with a determination that the second contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the first value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the user of the electronic device has sent an invitation to the second contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the second value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the selectable user interface element is in an inactive state, wherein the inactive state disables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with the accepted invitation to communicate with the user of the electronic device

via the first communication application, displaying the representation of the first contactable user with a third value for the first visual property of the representation of the first contactable user, wherein the third value is different from the first value; and

in accordance with a determination that the second contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the third value for the first visual property of the representation of the second contactable user, wherein the third value is different from the first value.

16. An electronic device, comprising:

a display device;

a wireless communication radio;

means for receiving a first input corresponding to a request to display a first user interface for a first communication application; and

means, in response to receiving the first user input, for displaying, on the display device, the first user interface, wherein displaying the first user interface includes concurrently displaying representations of a plurality of contactable users, including a first contactable user and a second contactable user, wherein concurrently displaying the representations of the plurality of contactable users includes:

in accordance with a determination that a selectable user interface element is in an active state, wherein the active state enables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with an accepted invitation to communicate with a user of the electronic device via the first communication application, displaying the representation of the first contactable user with a first value for a first visual property of the representation of the first contactable user;

in accordance with a determination that the first contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the first contactable user with the first value for the first visual property of the representation of the first contactable user;

in accordance with a determination that the user of the electronic device has sent an invitation to the first contactable user to communicate via the first

communication application that has not yet been accepted, displaying the representation of the first contactable user with a second value for the first visual property of the representation of the first contactable user that is different from the first value;

in accordance with a determination that the second contactable user is associated with an accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the first value for a first visual property of the representation of the second contactable user;

in accordance with a determination that the second contactable user has sent an invitation to the user of the electronic device to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the first value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the user of the electronic device has sent an invitation to the second contactable user to communicate via the first communication application that has not yet been accepted, displaying the representation of the second contactable user interface with the second value for the first visual property of the representation of the second contactable user; and

in accordance with a determination that the selectable user interface element is in an inactive state, wherein the inactive state disables electronic voice communications via the first communication application on the electronic device:

in accordance with a determination that the first contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the first contactable user with a third value for the first visual property of the representation of the first contactable user, wherein the third value is different from the first value; and

in accordance with a determination that the second contactable user is associated with the accepted invitation to communicate with the user of the electronic device via the first communication application, displaying the representation of the second contactable user interface with the third value for the first visual property of the representation of the second contactable user, wherein the third value is different from the first value.

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17. A method comprising:

at an electronic device with a display device and a wireless communication radio:

displaying, via the display device, a communication user interface that includes an activatable indicator displayed with a first visual appearance;

receiving a first input corresponding to the activatable indicator displayed with the first visual appearance; and

in response to receiving the first input:

in accordance with a determination that the first input satisfies a set of input criteria:

initiating, via the wireless communication radio, a voice communication session with a second electronic device; and

displaying the activatable indicator with a second visual appearance; and

in accordance with a determination that the first input does not satisfy the set of input criteria, displaying the activatable indicator with a third visual appearance that is different from the second visual appearance, the third visual appearance including an indication of an input that would satisfy the set of input criteria, wherein displaying the activatable indicator with the third appearance occurs without initiating, via the wireless communication radio, a voice communication session with the second electronic device.

18. The method of claim 17, further including:

prior to displaying the communication user interface and prior to a determination that the second electronic device is available to conduct a voice communication session with the electronic device, displaying, via the display device, a communication initiation user interface that does not include the activatable indicator; and

wherein the communication user interface that includes the activatable indicator is displayed in accordance with the determination that the second electronic device is available to conduct a voice communication session with the electronic device.

19. The method of claim 18, wherein the communication initiation user interface includes an indication that availability of the second electronic to conduct a voice communication session with the electronic device is being determined.

20. The method of any one of claims 17-19, wherein the second visual appearance of the activatable indicator is different from the first visual appearance of the activatable indicator.

21. The method of any one of claims 17-20, wherein the activatable indicator with the second appearance occupies a first area in the communication user interface, the method further comprising:

in response to receiving the first input and in accordance with a determination that the first input satisfies a set of input criteria displaying, via the display device and at a first location in the communication user interface that is outside the first area, an identifier of the second electronic device.

22. The method of any one of claims 17-21, wherein the activatable indicator with the second appearance occupies a second area in the of the communication user interface, the method further comprising:

in response to receiving the first input and in accordance with a determination that the first input satisfies a set of input criteria displaying, displaying, via the display device, and at a second location in the communication user interface that is within the second area, an animated sequence of graphical objects.

23. The method of claim 22, wherein the animated sequence of graphical objects includes a first graphical object displayed at a first time and a second graphical object displayed at a second time that is later than the first time, the method further comprising:

at a time at or near the first time, generating a first non-visual output that corresponds to the first graphical object; and

at a time at or near the second time, generating a second non-visual output that corresponds to the second graphical object.

24. The method of any one of claims 17-23, further comprising:

while in a voice communication session with the second electronic device and while the communication user interface includes the activatable indicator, receiving a voice communication from the second electronic device; and

in response to receiving the voice communication:

generating an audio output that includes a representation of the voice communication; and

ceasing to display the activatable indicator.

25. The method of claim 24, wherein the activatable indicator occupies a third area of the of the communication user interface and wherein the first visual appearance of the activatable indicator has a first color pattern that includes a first predominant color, the method further comprising:

in response to receiving the voice communication session, displaying, via the display device, a non-activatable indicator that occupies the third area and has a second color pattern that includes the first predominant color.

26. A non-transitory computer-readable storage medium storing one or more programs configured to be executed by one or more processors of an electronic device with a display device and a wireless communication radio, the one or more programs including instructions for performing the method of any one of claims 17-25.

27. An electronic device, comprising:

a display device;

a wireless communication radio;

one or more processors; and

memory storing one or more programs configured to be executed by the one or more processors, the one or more programs including instructions for performing the method of any one of claims 17-25.

28. An electronic device, comprising:

a display device;

a wireless communication radio; and

means for performing the method of any one of claims 17-25.

29. A non-transitory computer-readable storage medium storing one or more programs configured to be executed by one or more processors of an electronic device with a display device and a wireless communication radio, the one or more programs including instructions for:

displaying, via the display device, a communication user interface that includes an activatable indicator displayed with a first visual appearance;

receiving a first input corresponding to the activatable indicator displayed with the first visual appearance; and

in response to receiving the first input:

in accordance with a determination that the first input satisfies a set of input criteria:

initiating, via the wireless communication radio, a voice communication session with a second electronic device; and

displaying the activatable indicator with a second visual appearance; and

in accordance with a determination that the first input does not satisfy the set of input criteria, displaying the activatable indicator with a third visual appearance that is different from the second visual appearance, the third visual appearance including an indication of an input that would satisfy the set of input criteria, wherein displaying the activatable indicator with the third appearance occurs without initiating, via the wireless communication radio, a voice communication session with the second electronic device.

30. An electronic device, comprising:

a display device;

a wireless communication radio;

one or more processors; and

memory storing one or more programs configured to be executed by the one or more processors, the one or more programs including instructions for:

displaying, via the display device, a communication user interface that includes an activatable indicator displayed with a first visual appearance;

receiving a first input corresponding to the activatable indicator displayed with the first visual appearance; and

in response to receiving the first input:

in accordance with a determination that the first input satisfies a set of input criteria:

initiating, via the wireless communication radio, a voice communication session with a second electronic device; and

displaying the activatable indicator with a second visual appearance; and

in accordance with a determination that the first input does not satisfy the set of input criteria, displaying the activatable indicator with a third visual appearance that is different from the second visual appearance, the third visual appearance including an indication of an input that would satisfy the set of input criteria, wherein displaying the activatable indicator with the third appearance occurs without initiating, via the wireless communication radio, a voice communication session with the second electronic device.

31. An electronic device, comprising:

a display device;

a wireless communication radio;

means for displaying, via the display device, a communication user interface that includes an activatable indicator displayed with a first visual appearance;

means for receiving a first input corresponding to the activatable indicator displayed with the first visual appearance; and

means, in response to receiving the first input, for:

in accordance with a determination that the first input satisfies a set of input criteria:

initiating, via the wireless communication radio, a voice communication session with a second electronic device; and

displaying the activatable indicator with a second visual appearance; and

in accordance with a determination that the first input does not satisfy the set of input criteria, displaying the activatable indicator with a third visual appearance that is different from the second visual appearance, the third visual appearance including an indication of an input that would satisfy the set of input criteria, wherein displaying the activatable indicator with the third appearance occurs without initiating, via the wireless communication radio, a voice communication session with the second electronic device.

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