the following detailed description, taken in conjunction with the accompanying drawings, in which:

[0020] FIG. **1** is a front perspective view of a portable device according to an embodiment of the present disclosure;

[0021] FIG. **2** is a block diagram of a portable device according to an embodiment of the present disclosure;

[0022] FIG. **3**A is a front perspective view of an edge touch screen of a portable device according to an embodiment of the present disclosure;

[0023] FIGS. **3**B to **3**D are diagrams of sectional views of an edge touch screen of a portable device according to embodiments of the present disclosure;

[0024] FIG. **4** is a flowchart of a screen display method of a portable device according to an embodiment of the present disclosure; and

[0025] FIGS. **5**A to **5**J are diagrams of a screen of an electronic device according to an embodiment of the present disclosure.

DETAILED DESCRIPTION OF EMBODIMENTS OF THE PRESENT DISCLOSURE

[0026] Hereinafter, exemplary embodiments of the present disclosure are described below with reference to the accompanying drawings. Further, methods of manufacturing using the present disclosure are described below in detail with reference to the accompanying drawings. The same reference numerals or the signs represented in each of the drawings indicate the elements or the components that perform substantially the same functions.

[0027] Ordinal terms such as "first" and "second" may be used to describe various elements, but these elements are not limited by the terms. The above terms may be used to distinguish one element from another element. For example, a first element may be referred to as a second element in the present disclosure. Further, a second element may be referred to as a first element. As used herein, the term "and/or" includes any and all combinations of one or more disclosed items.

[0028] An application according to an embodiment of the present disclosure refers to a computer operating system (OS) or software executed on a mobile OS and used by a user. For example, the application may include a web browser, a mobile payment application, a photo album application, a word processor, a spread sheet, a contact application, a calendar application, a memo application, an alarm application, a social network system (SNS) application, a game store, a chat application, a map application, a music player, a video player, or the like.

[0029] An application according to an embodiment of the present disclosure may refer to software executed by a portable device or an external device (for example, a server) connected to the portable device wirelessly or through a wire. Further, an application according to an embodiment of the present disclosure may refer to software to be executed in a portable device in response to a received user input.

[0030] Content may be displayed in an executed application. For example, content may include a video file or an audio file reproduced in a video player that is one of a plurality of applications, a music file reproduced in a music player, a photo file displayed in a photo album application, a web page file displayed in a web browser, or payment information (for example, a mobile card number) transmitted by a mobile payment application. Further, payment information may include encrypted temporary token information.

[0031] Content may include a video file, an audio file, a text file, an image file, or a webpage displayed or executed in an application.

[0032] In an embodiment of the present disclosure, the term "video" may indicate a dynamic image. Further, content may include a video file, an audio file, a text file, an image file, or a webpage displayed or executed in response to a received user input.

[0033] Content may include an application screen and a user interface that configures the application screen. Further, content may include a content or a plurality of contents.

[0034] A widget refers to a mini application, which is one of a plurality of graphical user interfaces (GUIs) that more smoothly support an interaction between a user and an application or OS. For example, a widget may include a weather widget, a calculator widget, and a clock widget.

[0035] In an embodiment of the present disclosure, the term "user input" may indicate, for example, a button (or key) selection by a user, a button (or key) press by a user, a button touch by a user, a touch by a user, a touch gesture by a user, a user's voice, a presence of a user (for example, a user appears within the range of camera recognition), or a user's motion. Further, the phrase "selection of a button (or key)" may refer to a pressing of a button (or key) or a touching a button (or key).

[0036] In the present disclosure, the terms are used to describe an embodiment, and are not intended to limit and/or restrict the present disclosure. As used herein, singular forms are intended to include plural forms as well, unless the context clearly indicates otherwise. In the present disclosure, the terms "include" and "have" indicate the existence of a feature, a number, a step, an operation, a structural element, parts, or a combination thereof, but do not exclude the existence or the addition of one or more other features, numeral, steps, operations, structural elements, parts, or combinations thereof. The same reference numerals represented in each of the drawings indicate the elements that perform substantially the same functions.

[0037] FIG. **1** is a front perspective view of a portable device **100** according to an embodiment of the present disclosure.

[0038] Referring to FIG. **1**, an edge touch screen **190** is located in a center area of a front surface **100***a* of the portable device **100**. The edge touch screen **190** may include a flexible display panel. The edge touch screen **190** may include a curved touch panel corresponding to a curved display panel. A detailed description of the edge touch screen **190** is provided below.

[0039] The edge touch screen **190** may be formed through a thin flexible printed circuit board and may be curved or bent. The edge touch screen **190** may include a main touch screen **190***a*, a first edge touch screen **190***b*, and a second edge touch screen **190***c* (as described below in more detail with reference to FIGS. **3**A to **3**D). In the edge touch screen **190**, the main touch screen **190***a* and edge touch screens **190***b*, **190***c* on both sides may be integratedly formed.

[0040] The edge touch screen **190** may include one of the main touch screen **190***a* and a first edge touch screen (one of the edge touch screens **190***b*, **190***c*). The main touch screen **190***a* and the first edge touch screen (one of the edge touch screens **190***b*, **190***c*) on one side may be integratedly formed.