## CLAIMS

1. A method of managing multisensor inputs of a mobile computing device, comprising:

receiving a first input from a first touch sensor;

identifying a first type of user interaction with the first touch sensor from the first input;

identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction;

receiving a second input from a second touch sensor;

determining whether the first input is a potential part of a multisensor input in an entry in the multisensor input data structure having the first sensor input data and a second sensor input data related to a multisensor input response; and

in response to determining that the first input is a potential part of the multisensor input:

identifying a second type of user interaction with the second touch sensor from the second input;

identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction; and

determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.

2. The method of claim 1, further comprising determining whether the second input is received during a multisensor input sequence duration from receiving the first input,

wherein identifying a second type of user interaction with the second touch sensor from the second input, identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction, and determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response occur in response to determining that the second input is received during the multisensor input sequence duration from receiving the first input.

3. The method of claim 1, wherein receiving a first input from a first touch sensor and receiving a second input from a second touch sensor comprise receiving the first input and the second input concurrently.

4. The method of claim 1, wherein identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input; and

identifying the first type of user interaction having the first quality of the plurality of received inputs comprising the first input.

5. The method of claim 1, wherein identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input;

deriving a second quality from the first quality of the plurality of received inputs; and

identifying the first type of user interaction having the second quality.

6. The method of claim 1, wherein identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction comprises:

comparing the first type of user interaction with a plurality of sensor input data associated with the first touch sensor; and

identifying the first sensor input data from the plurality of sensor input data associated with the first touch sensor that matches the first type of user interaction.

7. The method of claim 1, further comprising executing the multisensor input response in response to determining that the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.

8. A mobile computing device, comprising:

a first touch sensor;

a second touch sensor; and

a processor communicatively connected to the first touch sensor, communicatively connected to the second touch sensor, and configured with processor-executable instructions to cause the processor to execute operations comprising:

receiving a first input from the first touch sensor;

identifying a first type of user interaction with the first touch sensor from the first input;

identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction;

receiving a second input from the second touch sensor;

determining whether the first input is a potential part of a multisensor input in an entry in the multisensor input data structure having the first sensor input data and a second sensor input data related to a multisensor input response; and

in response to determining that the first input is a potential part of the multisensor input:

identifying a second type of user interaction with the second touch sensor from the second input;

identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction; and

determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.

9. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations further comprising determining whether the second input is received during a multisensor input sequence duration from receiving the first input,

wherein the processor is configured with processor-executable instructions to perform operations such that identifying a second type of user interaction with the second touch sensor from the second input, identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction, and determining whether the

first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response occur in response to determining that the second input is received during the multisensor input sequence duration from receiving the first input.

10. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations such that receiving a first input from a first touch sensor and receiving a second input from a second touch sensor comprise receiving the first input and the second input concurrently.

11. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations such that identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input; and

identifying the first type of user interaction having the first quality of the plurality of received inputs comprising the first input.

12. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations such that identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input;

deriving a second quality from the first quality of the plurality of received inputs; and

identifying the first type of user interaction having the second quality.

13. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations such that identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction comprises:

comparing the first type of user interaction with a plurality of sensor input data associated with the first touch sensor; and

identifying the first sensor input data from the plurality of sensor input data associated with the first touch sensor that matches the first type of user interaction.

14. The mobile computing device of claim 8, wherein the processor is configured with processor-executable instructions to perform operations further comprising executing the multisensor input response in response to determining that the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.

15. A mobile computing device, comprising:

means for receiving a first input from a first touch sensor;

means for identifying a first type of user interaction with the first touch sensor from the first input;

means for identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction;

means for receiving a second input from a second touch sensor;

means for determining whether the first input is a potential part of a multisensor input in an entry in the multisensor input data structure having the first sensor input data and a second sensor input data related to a multisensor input response;

means for identifying a second type of user interaction with the second touch sensor from the second input in response to determining that the first input is a potential part of the multisensor input;

means for identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction in response to determining that the first input is a potential part of the multisensor input; and

means for determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response in response to determining that the first input is a potential part of the multisensor input.

16. The mobile computing device of claim 15, further comprising means for determining whether the second input is received during a multisensor input sequence duration from receiving the first input,

wherein means for identifying a second type of user interaction with the second touch sensor from the second input, means for identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction, and means for determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response execute in response to determining that the second input is received during the multisensor input sequence duration from receiving the first input.

17. The mobile computing device of claim 15, wherein means for receiving a first input from a first touch sensor and means for receiving a second input from a second touch sensor comprise means for receiving the first input and the second input concurrently.

18. The mobile computing device of claim 15, wherein means for identifying a first type of user interaction with the first touch sensor from the first input comprises:

means for identifying a first quality of a plurality of received inputs comprising the first input; and

means for identifying the first type of user interaction having the first quality of the plurality of received inputs comprising the first input.

19. The mobile computing device of claim 15, wherein means for identifying a first type of user interaction with the first touch sensor from the first input comprises:

means for identifying a first quality of a plurality of received inputs comprising the first input;

means for deriving a second quality from the first quality of the plurality of received inputs; and

means for identifying the first type of user interaction having the second quality.

20. The mobile computing device of claim 15, wherein means for identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction comprises:

means for comparing the first type of user interaction with a plurality of sensor input data associated with the first touch sensor; and

means for identifying the first sensor input data from the plurality of sensor input data associated with the first touch sensor that matches the first type of user interaction.

21. The mobile computing device of claim 15, further comprising means for executing the multisensor input response in response to determining that the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.

22. A non-transitory processor-readable storage medium having stored thereon processor-executable instructions configured to cause a processor of a computing device to perform operations comprising:

receiving a first input from a first touch sensor;

identifying a first type of user interaction with the first touch sensor from the first input;

identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction;

receiving a second input from a second touch sensor;

determining whether the first input is a potential part of a multisensor input in an entry in the multisensor input data structure having the first sensor input data and a second sensor input data related to a multisensor input response; and

in response to determining that the first input is a potential part of the multisensor input:

identifying a second type of user interaction with the second touch sensor from the second input;

identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction; and

determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first

sensor input data and the second sensor input data related to the multisensor input response.

23. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device to perform operations further comprising determining whether the second input is received during a multisensor input sequence duration from receiving the first input,

wherein identifying a second type of user interaction with the second touch sensor from the second input, identifying the second sensor input data in the multisensor input data structure corresponding with the second type of user interaction, and determining whether the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response occur in response to determining that the second input is received during the multisensor input sequence duration from receiving the first input.

24. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device to perform operations such that receiving a first input from a first touch sensor and receiving a second input from a second touch sensor comprise receiving the first input and the second input concurrently.

25. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device to perform operations such that identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input; and

identifying the first type of user interaction having the first quality of the plurality of received inputs comprising the first input.

26. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device

to perform operations such that identifying a first type of user interaction with the first touch sensor from the first input comprises:

identifying a first quality of a plurality of received inputs comprising the first input;

deriving a second quality from the first quality of the plurality of received inputs; and

identifying the first type of user interaction having the second quality.

27. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device to perform operations such that identifying a first sensor input data in a multisensor input data structure corresponding with the first type of user interaction comprises:

comparing the first type of user interaction with a plurality of sensor input data associated with the first touch sensor; and

identifying the first sensor input data from the plurality of sensor input data associated with the first touch sensor that matches the first type of user interaction.

28. The non-transitory processor-readable storage medium of claim 22, wherein the stored processor-executable instructions are configured to cause the processor of the computing device to perform operations further comprising executing the multisensor input response in response to determining that the first input and the second input combine as the multisensor input in the entry in the multisensor input data structure having the first sensor input data and the second sensor input data related to the multisensor input response.