WHAT IS CLAIMED IS:

1. A method for controlling a service, performed by a user equipment (UE) and comprising:

obtaining priority configuration information, wherein the priority configuration information is configured to indicate priorities of a small data transmission (SDT) service and of other services;

determining a scheduling indication sent by a base station for scheduling the other services in a process of performing the SDT service; and

determining whether to continue performing the SDT service based on the priority configuration information and the scheduling indication.

2. The method according to claim 1, wherein the other services comprise a paging service.

3. The method according to claim 2, wherein determining the scheduling indication sent by the base station for scheduling the other services comprises:

receiving the scheduling information sent by the base station via a paging radio network temporary identity physical downlink control channel (P-RNTI PDCCH), wherein the scheduling information is configured to indicate the UE to receive messages in a physical downlink shared channel (PDSCH); and

determining the scheduling information as a scheduling indication sent by the base station for scheduling the other services in case that the scheduling information indicates the UE to receive a paging radio resource control (RRC) message for triggering the paging service in the PDSCH.

4. The method according to claim 2, wherein determining the scheduling indication sent by the base station for scheduling the other services comprises:

receiving the scheduling information sent by the base station via a P-RNTI PDCCH, wherein the scheduling information is configured to indicate the UE to receive messages in a PDSCH; and

determining the scheduling information as a scheduling indication sent by the base station for scheduling the other services in case the scheduling information does not indicate the UE to receive a short message in the PDSCH.

5. The method according to claim 3 or 4, wherein the scheduling information comprises downlink control information (DCI).

6. The method according to claim 3 or 4, wherein the priority configuration information comprises: priority information of the SDT service being different from priority information of the paging service.

7. The method according to claim 6, wherein determining whether to continue performing the SDT service based on the priority configuration information and the scheduling indication comprises one of:

ignoring a reception in the PDSCH indicated by the scheduling indication;

receiving the paging RRC message in the PDSCH based on the scheduling indication; and ignoring the paging RRC message received;

receiving the paging RRC message in the PDSCH based on the scheduling indication; and ignoring the paging RRC message received in case that the paging RRC message indicates an identifier of the UE;

receiving the paging RRC message in the PDSCH based on the scheduling indication; and ignoring the paging service triggered by the UE based on the paging RRC message in case that the paging RRC message indicates an identifier of the UE; or

receiving the paging RRC message in the PDSCH based on the scheduling indication; and abandoning the SDT service, and triggering the paging service based on the paging RRC message in case that the paging RRC message indicates an identifier of the UE.

8. The method according to claim 1, wherein obtaining the priority configuration information comprises one of:

receiving the priority configuration information sent by the base station; or

determining the priority configuration information based on a protocol.

9. The method according to claim 1, wherein the SDT service comprises at least one of:

4-step random access channel (4-step RACH) SDT;

2-step random access channel (2-step RACH) SDT; or

configure grant (CG) SDT.

10. The method according to claim 1, wherein a bearing type corresponding to the SDT service comprises at least one of:

a data radio bearer (DRB);

a signaling radio bearer (SRB);

a master cell group radio bearer (MCGRB);

a secondary cell group radio bearer (SCGRB); or

a split bear.

11. The method according to claim 1, wherein a bearing identifier corresponding to the SDT service comprises at least one of:

DRB-1; or

SRB-1.

12. The method according to claim 1, wherein a performing phase corresponding to the SDT service comprises at least one of:

an initial data sending phase comprising starting from triggering the SDT service to initially send data to receiving confirmation information for initially sent data from the base station; or

a subsequent data sending phase comprising starting from receiving the confirmation information for initially sent data from the base station to receiving a connection release message sent by the base station.

13. The method according to claim 1, further comprising:

receiving a SDT resource configuration sent by the base station; and

performing the SDT service based on the SDT resource configuration.

14. A method for controlling a service, performed by a base station and comprising:

sending priority configuration information to a user equipment (UE), wherein the priority configuration information is configured to indicate priorities of a small data transmission (SDT) service and of other services; and

performing the SDT service.

15. The method according to claim 14, wherein the other services comprise a paging service.

16. The method according to claim 15, further comprising one of:

sending scheduling information to a UE via a paging radio network temporary identity physical downlink control channel (P-RNTI PDCCH), wherein the scheduling information indicates the UE to receive a paging RRC message for triggering the paging service in a physical downlink shared channel (PDSCH); or

sending scheduling information to a UE via a P-RNTI PDCCH, wherein the scheduling information does not indicate the UE to receive a short message in the PDSCH.

17. The method according to claim 15, wherein the priority configuration information comprises: priority information of the SDT service being different from priority information of the paging service, and the method further comprises one of:

continuing to perform the SDT service; or

abandoning the SDT service and performing the paging service.

18. The method according to claim 14, further comprising:

sending a SDT resource configuration to the UE.

19. A communication device, comprising:

a processor; and

a memory;

wherein a computer program is stored in the memory, and the processor executes the computer program stored in the memory to cause the device to execute the method according to any one of claims 1 to 13.

20. A communication device, comprising:

a processor; and

a memory;

wherein a computer program is stored in the memory, and the processor executes the computer program stored in the memory to cause the device to execute the method according to any one of claims 14 to 18.