CLAIMS

1. A method for virtual live streaming, comprising:

polling a broadcasting task list, and triggering a start event for a virtual live streaming task in the broadcasting task list in a case that the virtual live streaming task meets a preset start condition, wherein

the broadcasting task list is to maintain a state of a live streaming task on a network live streaming platform,

the start condition is a preset threshold,

the broadcasting task list comprises a real live streaming task created by a real anchor account and the virtual live streaming task, and

the start event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is less than a preset threshold set for the start condition;

creating a live streaming room in response to the start event, and associating the live streaming room with a virtual anchor account to which the virtual live streaming task belongs;

generating a stream-pushing address for pushing a video stream to the live streaming room, and calling a streaming media resource pre-configured for the virtual live streaming task and pushing the streaming media resource to the stream-pushing address; ~~and~~

adding an access portal of the live streaming room into a live streaming room list for a user to access the live streaming room;

polling the broadcasting task list, and triggering a stop event for a virtual live streaming task in the broadcasting task list in a case that the virtual live streaming task meets a preset stop condition, wherein

the stop condition is a preset threshold, and

the stop event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is greater than a preset threshold set for the stop condition; and

ceasing the virtual live streaming task in response to the stop event, and stopping pushing a stream to a live streaming room corresponding to the virtual live streaming task, and deleting an

access portal of the live streaming room from the live streaming room list.

~~2. The method according to claim 1, further comprising the following post-steps:~~

~~polling the broadcasting task list, and triggering a stop event for a virtual live streaming task in the broadcasting task list in a case that the virtual live streaming task meets a preset stop condition, wherein the broadcasting task list is to maintain a state of a live streaming task on a network live streaming platform; and~~

~~ceasing the virtual live streaming task in response to the stop event, and stopping pushing a stream to a live streaming room corresponding to the virtual live streaming task, and deleting an access portal of the live streaming room from the live streaming room list.~~

2~~3~~. The method according to claim 1, further comprising the following pre-steps:

receiving an instruction for creating a task about a virtual anchor account, and

adding, to the broadcasting task list, a virtual live streaming task corresponding to the instruction, wherein the live streaming task comprises the start condition and the stop condition.

4~~3~~. The method according to claim 1, further comprising the following pre-steps:

receiving account configuration information of the virtual anchor account and creating the virtual anchor account, wherein the configuration information comprises a feature of the virtual anchor account.

5~~4~~. The method according to claim 4~~3~~, wherein the creating the virtual anchor account comprises:

associating, based on a channel number preset in the account configuration information, the virtual anchor account with a live channel corresponding to the channel number, to add the virtual live streaming task created for the virtual anchor account to a broadcasting task list corresponding to the channel.

~~6. The method according to claim 1, wherein~~

~~the start condition and the stop condition are preset thresholds;~~

~~the broadcasting task list comprises a real live streaming task created by a real anchor account and the virtual live streaming task;~~

~~the start event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is less than a preset threshold set for the start condition; and~~

~~the stop event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is greater than a preset threshold set for the stop condition.~~

~~7~~5. The method according to claim 1, further comprising:

triggering a heartbeat packet periodically during a time period from start of the virtual live streaming task to end of the virtual live streaming task, to maintain execution of the virtual live streaming task.

~~8~~6. An apparatus for virtual live streaming, comprising:

a task polling module, configured to

poll a broadcasting task list, and trigger a start event for a virtual live streaming task in the broadcasting task list in a case that the virtual live streaming task meets a preset start condition, wherein the broadcasting task list is to maintain a state of a live streaming task on a network live streaming platform~~;~~, the start condition is a preset threshold, the broadcasting task list comprises a real live streaming task created by a real anchor account and the virtual live streaming task, and the start event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is less than a preset threshold set for the start condition,

poll the broadcasting task list, and trigger a stop event for a virtual live streaming task in the broadcasting task list in a case that the virtual live streaming task meets a preset stop condition, wherein the stop condition is a preset threshold, and the stop event of the virtual live streaming task in the broadcasting task list is triggered in a case that a quantity of real live streaming tasks in progress is greater than a preset threshold set for the stop condition, and

cease the virtual live streaming task in response to the stop event, stop pushing a stream to a live streaming room corresponding to the virtual live streaming task, and delete an access portal of the live streaming room from the live streaming room list;

a live streaming initiation module, configured to create a live streaming room in response to the start event, and associate the live streaming room with a virtual anchor account to which the virtual live streaming task belongs;

a video stream pushing module, configured to generate a stream-pushing address for pushing a video stream to the live streaming room, and call a streaming media resource preconfigured for the virtual live streaming task and push the streaming media resource to the stream-pushing address; and

a live streaming publication module, configured to add an access portal of the live streaming room into a live streaming room list for a user to access the live streaming room.

~~9~~7. An electronic device, comprising a central processing unit and a memory, wherein

the central processing unit is configured to invoke and execute a computer program stored in the memory to perform the method for virtual live streaming according to any one of claims 1 to 5~~7~~.

8~~10~~. A non-volatile storage medium, wherein the non-volatile storage medium stores a computer program implemented with computer-readable instructions based on the method for virtual live streaming according to any one of claims 1 to 5~~7~~, and wherein

the computer program, when invoked by a computer, is configured to perform the method.