CLAIMS:

1. A document access method characterized by comprising:

in response to determining that a user has a first access permission to a first document, displaying the first document;

in response to receiving an access request for target information displayed in the first document, determining whether the user has a second access permission; and

in response to the user not having the second access permission, refusing to display associated content of the target information; wherein the target information comprises at least one of the following: a link of a second document, a collaborator of the first document, or a user identifier displayed in the first document,

wherein the target information comprises the collaborator of the first document; the in response to the user not having the second access permission, refusing to display associated content of the target information comprises:

refusing to display an identifier of the collaborator of the first document; or, displaying an identifier of an owner of the first document and/or a number of collaborators, while refusing to display identifiers of collaborators other than the owner.

2. The method according to claim 1, characterized in that the target information comprises the link of the second document, and the associated content of the target information comprises a permission application portal corresponding to the link of the second document; and

in response to the user not having the second access permission, the refusing to display the associated content of the target information comprising:

refusing to display the permission application portal corresponding to the link of the second document.

3. The method according to claim 2, characterized in that the permission application portal comprises a permission application control displayed in an associated area of the link of the second document in the first document or a permission application page corresponding to the link of the second document.

4. The method according to claim 1, characterized in that the target information comprises the link of the second document, and in response to the user not having the second access permission, the method further comprises:

modifying a display state of the link of the second document; and/or setting the link of the second document to a non-triggerable state.

5. The method according to claim 1, characterized in that the target information comprises the user identifier displayed in the first document; the in response to the user not having the second access permission, the refusing to display the associated content of the target information comprises:

refusing to display user information corresponding to the user identifier in response to a triggering operation of the user on the user identifier.

6. The method according to claim 1, characterized in that the method further comprises:

in response to a triggering operation of the user on a preset control in an interface of the first document,

displaying a collaborator interface of the first document, and the associated content of the target information is displayed in the collaborator interface, the target information comprises the collaborator of the first document, the associated content of the target information comprises at least one of the following: an identifier of the owner of the first document, an identifier of the collaborator of the first document, a number of collaborators, or a fold control, wherein in response to a triggering operation of the user on the fold control, the identifier of the collaborator which is not displayed because of being fold is displayed in the collaborator interface.

7. The method according to claim 6, characterized in that the in response to the user not having the second access permission, refusing to display the associated content of the target information comprises:

displaying the identifier of the owner of the first document and the number of collaborators in the collaborator interface, and hiding the identifier of the collaborator.

8. The method according to claim 6, characterized in that the in response to the user not having the second access permission, refusing to display the associated content of the target information comprises:

the fold control displayed in the collaborator interface is in a non-triggerable state.

9. The method according to claim 1, characterized in that the target information comprises the user identifier displayed in the first document and the user identifier displayed in the first document comprises at least one of the following: a user identifier in a comment area, a user identifier in text of the first document, a user identifier in a content component of the first document, and a user identifier in a collaborator interface, or a user identifier in a real-time collaboration interface area.

10. A document access apparatus characterized by comprising:

a display module configured for displaying a first document in response to a user having a first access permission to the first document;

a second access permission determining module configured for determining whether the user has a second access permission in response to receiving an access request for target information displayed in the first document;

the display module is further configured for refusing to display associated content of the target information in response to the user not having the second access permission; wherein the target information comprises at least one of the following: a link of the second document, a collaborator of the first document, or a user identifier displayed in the first document,

wherein the target information comprises the collaborator of the first document; the in response to the user not having the second access permission, refusing to display associated content of the target information comprises:

refusing to display an identifier of the collaborator of the first document; or, displaying an identifier of an owner of the first document and/or a number of collaborators, while refusing to display identifiers of collaborators other than the owner.

11. An electronic device comprising a memory, a processor, and a computer program stored in the memory and executable on the processor, and the processor, when executing the program, implements the

method according to any one of claims 1 to 9.

12. A non-transient computer-readable storage medium which stores a computer instruction for causing a computer to implement the method according to any one of claims 1 to 9.

13. A computer program product comprising a computer program instruction which, when run on a computer, causes the computer to implement the method of any one of claims 1 to 9.