What is claimed is:

1. An information processing apparatus comprising:

a processor and a memory that stores instructions executed by the processor, the processor being configured to:

receive a deletion operation of a first target object by a user, the first target object being associated as a child object of a third target object and being associated as a parent object of a second target object, a portion of the second target object being displayed on the first target object; and

(i) associate the second target object as a child object of the third target object in a case of a portion of the second target object being displayed on the third target object as a result of the first target object being deleted and

(ii) not associate the second target object as a child object of the third target object in a case of the second target object not being displayed on the third target object as a result of the first target object being deleted.

2. The information processing apparatus according to claim 1, wherein, when there are plural overlapped target objects, and there is an association between the overlapped target objects, the processor associates an overlapping target object with a lower layer of an overlapped target object located at the lowest layer among the plural overlapped targets objects.

3. An information processing apparatus comprising:

a processor and a memory that stores instructions executed by the processor, the processor being configured to:

receive a deletion operation of a first target object; and

associate a second target object with a third target object when the second target object visually overlaps the third target object as a result of the first target object being deleted, wherein:

the processor performs an association in which an overlapped target object in the overlap is set to an upper layer in a tree structure and an overlapping target object is set to a lower layer in the tree structure, and

when there are plural overlapped target objects, and there is no association between the overlapped target objects, the processor associates the overlapping target object with a lower layer of an overlapped target object having the largest overlap area with the overlapping target object.

4. The information processing apparatus according to claim 1, wherein the first target object indicates any one of an electronic label, an electronic document, and a graphic.

5. A non-transitory computer readable medium storing an information processing program causing a computer to execute a process for target objects, the process comprising:

receiving a deletion operation of a first target object by a user, the first target object being associated as a child object of a third target object and being associated as a parent object of a second target object, a portion of the second target object being displayed on the first target object; and

(i) associating the second target object as a child object of the third target object in a case of a portion of the second target object being displayed on the third target object as a result of the first target object being deleted and

(ii) not associating the second target object as a child object of the third target object in a case of the second target object not being displayed on the third target object as a result of the first target object being deleted.