**Task 1:**

2. We have made six assumptions to deal with the ambiguities in the English document.

* We assume that a content can only be removed when it has already been uploaded
* We assume that a content can only be unpublished when it has already been published
* We assume that a tag can only be removed when it has already been added
* We assume that a content that has already been published on a user’s wall cannot be published again on the same wall.
* We assume that when the user unpublishes a content, the content will be automatically removed from the user’s account
* We assume that a user can view a content only when the privacy level of the content and the privacy level of the owner’s setting both allow him/her to view the content.

3. We have found one invariant that is not explicitly mentioned in the given document, which is “Every wall must have an owner”. The document said that “Each user is given a unique wall” but did not specify if it is allowed to have a wall that not belong to any user. We believe that allowing a wall that not belong to any user does not make sense, therefore we add it as an invariant.