**Nonfunctional Requirements (CMS)**

**Safety requirements**

Should a power outage or a major system failure happen, the application’s last finished state and the last state of the database will be recovered from its previously archived states which are updated after each major action is completed by the current user.

**Security requirements**

The back-end database storage ensures security for the application users’ credentials and personal information, just like any modern application does.

In our case, it also needs to handle special permissions for committee members, published authors and chairs/co-chairs, so that no regular participant can breach their area and interfere with the conference schedule/details.

**Database requirements**

Because of the functional requirements (such as uploading papers/ video presentations), a database with a better-than-average memory management will be used, in order to avoid loss of data sent by published authors.

**External requirements**

Furthermore, the application will always check for correct academic credentials of its users, such as teaching position and university, as well as for plagiarism when a paper has been submitted, in order to avoid any copyright infringement issues.