SQL schema

* mail (id, event\_id, organization\_id, sender\_name, sender\_e-mail, send\_at)

(PK id)

(CHECK (id IN (SELECT id FROM o\_sends)))

* searches(userID, mailID, PK(userID, mailID), FK(userID) REF User(User\_ID), FK(mailID) REF mail(ID))
* document (d\_id, subject, content)

(PK d\_id), mail\_ID NOT NULL, FK(mail\_ID) REF mail(ID))

* + documentOrganizationAccess (d\_id NOT NULL, organizationName)

(PK d\_id)

(FK d\_id REF document)

* + documentEventAccess (d\_id NOT NULL, eventName)

(PK d\_id)

(FK d\_id REF document)

* + attachment (attach\_id, d\_id NOT NULL, attachment)

(PK attach\_id)

(FK d\_id REF document)

* userdata (user\_id, username, e-mail, password, isAdmin)

(PK u\_number)

* + userEventAccess (user\_id, eventName)

(PK user\_id)

(FK user\_id REF user)

* + userOrgaAccess (user\_id, organizationName)

(PK user\_id)

(PK user\_id REF user)