A6: Esquema Relacional. Normalização. Afinação do Esquema

Esquemas de relação

User(id, username UK NN, password NN, email UK NN, name NN, surname NN, birth NN, avatar, gender, bio, webpage, dateStart NN, dateEnd, status NN, type NN, privateProfile, lastActivity)

Blocked(user→User, blocked→User, date)

Skills(id, skill NN)

UserSkills(user→User, skill→Skills)

Project(id, name NN, description NN, dateStart NN, dateDue NN, dateClose, createdBy→User NN, private)

Comment(id, comment NN, replyTo→Comment, date NN, user→User NN, attachmentPresence)

CommentTask(id→Comment, task→Task NN)

CommentProject(id→Comment, project→Project NN)

CommentFeedback(comment→Comment, user→User, feedbackType NN)

CommentAttachment(id, location NN, date NN, comment→Comment)

Task(id, name NN, description, dateStart NN, dateDue NN, dateCompleted, progress NN, taskPriority NN, taskStatus NN, project→Project NN, (createdBy,createdByProj)→Participation NN, (completedBy,completedByProj)→Participation, subtask→Task)

TaskParticipation(user→User, task→Task, project→Project, date)

Participation(user→User, project→Project, memberStatus, date)

Message(id, identifier NN, subject NN, contents NN, dateSent NN, readStatus NN, folder NN, from→User NN, to→User NN, attachmentPresence)

MessageAttachment(id, location NN, date NN, identifier NN)

SearchHistory(id, contents NN, user→User NN)

Events(id, dateStart NN, dateEnd NN, description NN, color, user→User NN)

AdminContact(id, name NN, email NN, subject NN, contents NN, dateSent NN, messageStatus NN, changedBy→User)

PasswordRecovery(id, validationCode NN UK, date NN, user→User NN UK)

NN - Not Null | UK - Unique

Especificação dos domínios adicionais

User

username	VARCHAR
password	VARCHAR
email	VARCHAR
name	VARCHAR
surname	VARCHAR
birth	DATE
avatar	VARCHAR
gender	VARCHAR
bio	VARCHAR
webpage	VARCHAR
dateStart	TIMESTAMP DEFAULT CURRENT_DATE
dateEnd	TIMESTAMP
userType	ENUM('PORCONFIRMAR', 'ADMIN', 'UTILIZADOR')
userStatus	ENUM('SUSPENSO', 'BANIDO', 'APAGADO')
privateProfile	BOOLEAN
lastActivity	TIMESTAMP

Blocked

date	TIMESTAMP

Skills

skill	VARCHAR

Project

name	VARCHAR
description	VARCHAR
dateStart	TIMESTAMP DEFAULT CURRENT_DATE
dateDue	TIMESTAMP
dateClose	TIMESTAMP

Comment

comment	VARCHAR
date	TIMESTAMP DEFAULT CURRENT_DATE
attachmentPresence	BOOLEAN

CommentFeedback

feedbackType	ENUM('POS', 'NEG')

CommentAttachment

location	VARCHAR
date	TIMESTAMP

Task

name	VARCHAR
description	VARCHAR
dateStart	TIMESTAMP DEFAULT CURRENT_DATE
dateDue	TIMESTAMP
dateCompleted	TIMESTAMP
progress	INTEGER
TaskPriority	ENUM('BAIXA', 'MEDIA', 'ALTA')
TaskStatus	ENUM('ABERTO', 'PAUSA', 'FECHADO')

TaskParticipation

date	TIMESTAMP

Participation

memberStatus	ENUM('COORDENADOR', 'PARTICIPANTE', 'CONVIDADO', 'PROPOSTO', 'BANIDO')
date	TIMESTAMP

Message

identifier	INTEGER
subject	VARCHAR
contents	VARCHAR
dateSent	TIMESTAMP DEFAULT CURRENT_DATE
readStatus	BOOLEAN
folder	VARCHAR
attachmentPresence	BOOLEAN

MessageAttachment

location	VARCHAR
date	TIMESTAMP
identifier	INTEGER

SearchHistory

contents	VARCHAR

Events

dateStart	TIMESTAMP
dateEnd	TIMESTAMP
description	VARCHAR
color	VARCHAR

AdminContact

name	VARCHAR
email	VARCHAR
subject	VARCHAR
contents	VARCHAR
dateSent	TIMESTAMP DEFAULT CURRENT_DATE
status	ENUM('PENDENTE', 'FECHADO')

PasswordRecovery

validationCode	VARCHAR
date	TIMESTAMP DEFAULT CURRENT_DATE

— *LBAW1366*

- Anterior - A5: Modelo Conceptual do Domínio.
- Seguinte - A7: Esquema Físico.
- Voltar ao projeto.
- Voltar à página inicial.