

STRUCTURE USER

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
username	string	null	unique	username of the user
password	string	-	not null	password for the user
id	integer	null	Primary key	user id for indexing
rights	List	null	-	list of rights for the user
profile	Class profile	null	-	profile of the user
email	string	null	-	email of the user

STRUCTURE PROFILE

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
user	Class User	null	-	user for the profile
image	image field	'default.jpg'	-	profile image for the user
desc	string	'hi'	-	short description for the user
id	integer	null	primary key	profile id for indexing

STRUCTURE ANOUNCEMENTS

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
announce	string	-	not null	announcement to be made
image	image field	'default.jpg'	-	image for the announcement , optional
time	time field	time.now()	-	time at which the announcement was made
id	integer	null	primary key	id for indexing

STRUCTURE COMMENT

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
content	string	-	-	content of the comment
user	Class User	-	-	author of the comment
time	time field	time.now()	-	time at which the comment was posted
id	integer	null	primary key	id for indexing
room	string	-	not null	room the comment belongs to

STRUTURE STUDY MATERIAL

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
name	string	-	-	file name
author	Class User	-	-	uploader of the material
type	string	-	not null	branch the content is directed towards
id	integer	null	primary key	id for indexing
pathname	string	-	not null	url of the file

STRUCTURE QUIZ

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
questions	list	-	-	list of question
answer key	list	-	-	list of correct answers for respective questions
type	string	-	not null	branch the quiz is directed towards
id	integer	null	primary key	id for indexing

STRUCTURE ANSWERS

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
asnwers	list	-	-	list of answers submitted by the student
score	integer	-	-	score achieved by the student
user	Class user	-	not null	student that submitted the answers
id	integer	null	primary key	id for indexing
time	time field	time.now()	-	time the test was submitted

STRUCTURE DISCUSSION

ATTRIBUTES	DATA TYPE	DEFAULT VALUE	CONSTRAINTS	DESCRIPTION
author	Class Uuer	-	not null	student who initiated the discussion
desc	string	-	not null	query to be solved
room	string	-	-	room generated for solving the query
id	integer	null	primary key	id for indexing
time	time field	time.now()	-	time the test query was posted