

	Institution						
Name	id	name	address	city	state	zip code	
type	CHAR(6)	VARCHAR(45)	VARCHAR(45)	VARCHAR(45)	VARCHAR(45)	CHAR(5)	
constraints	PK	NOT NULL	-	-	-	-	
meaning	Generated ID	Institution name	Institution address	City institution is in	State institution is in	Zip code of institution	
	Course						
Name	id	number	name	year	semester	prof_name	school_id
type	INT(11)	VARCHAR(25)	VARCHAR(60)	CHAR(4)	VARCHAR(6)	VARCHAR(45)	CHAR(6)
constraints	PK	NOT NULL	-	NOT NULL	NOT NULL	-	FK instution_id, NOT NULL
meaning	Generated ID	Course number	Course name	Year course taught	Semester course taught	Name of lecturing professor	ID of institution course taught at
	Attends						
Name	username	school_id					
type	VARCHAR(30)	CHAR(6)					
constraints	PK, FK user_username	PK, FK institution_id					
meaning	Username of user who attends school	ID of school that user attends					
	User						
Name	username	hash	date_created	profile_img	student_flag	admin_flag	
type	VARCHAR(30)	VARCHAR(100)	DATETIME	VARCHAR(100)	boolean	boolean	
constraints	PK	NOT NULL	NOT NULL	-	NOT NULL	NOT NULL	
meaning	Name chosen by username as unique identifier.	Hashed password of user	Date of account creation	Location of given profile image	Is or is not student	Is or is not student	
	Submission						
Name	id	date_created	description	username	course_id		
type	INT(11)	DATETIME	VARCHAR(200)	VARCHAR(30)	INT(11)		
constraints	PK	NOT NULL	-	FK user_username, NOT NULL	FK course_id, NOT NULL		
meaning	Generated ID of submission	Date submission was created	Given description of submission	Username of user who posted submission	ID of course that submission was posted for		
	Ratings						
Name	submission_id	url	username	rating			
type	INT(11)	VARCHAR(200)	VARCHAR(30)	INT(11)			
constraints	PK	PK, FK content_url	PK, FK user_username	NOT NULL			
meaning	ID of submission that rating is for	URL of content that rating is referencing	Username of user who gave rating	Rating given			
	Content						
Name	submission_id	url	filename				
type	INT(11)	VARCHAR(200)	VARCHAR(100)				
constraints	PK, FK submission_id	PK	NOT NULL				
meaning	ID of submission containing content	Location of content	Name of the file containing content				