

crad_system**assign_adviser**

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
section_id	int(11)	No		clusters -> id		
faculty_id	int(11)	No		faculty -> id		
assigned_date	date	No				
notes	text	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
section_id	BTREE	No	No	section_id	0	A	No	
faculty_id	BTREE	No	No	faculty_id	0	A	No	

clusters

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
course	varchar(100)	No				
cluster	varchar(50)	No				
school_year	varchar(20)	No				
faculty_id	int(11)	Yes	NULL	faculty -> id		
assigned_date	date	Yes	NULL			
student_count	int(11)	Yes	0			
capacity	int(11)	Yes	50			
status	enum('assigned', 'pending')	Yes	pending			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
faculty_id	BTREE	No	No	faculty_id	0	A	Yes	

defense_panel

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
defense_id	int(11)	No				
faculty_id	int(11)	No				
role	enum('chair', 'member')	Yes	member			
created_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
defense_id	BTREE	No	No	defense_id	0	A	No	
faculty_id	BTREE	No	No	faculty_id	0	A	No	

defense_schedules

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
group_id	int(11)	Yes	NULL	groups -> id		
defense_date	date	Yes	NULL			
start_time	time	Yes	NULL			
end_time	time	Yes	NULL			
room_id	int(11)	Yes	NULL			
status	enum('scheduled', 'completed', 'cancelled')	Yes	scheduled			
created_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
group_id	BTREE	No	No	group_id	0	A	Yes	

document_submissions

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
group_id	int(11)	Yes	NULL	groups -> id		
document_id	int(11)	Yes	NULL			
file_path	varchar(255)	Yes	NULL			
submitted_at	timestamp	No	current_timestamp()			
status	enum('pending', 'approved', 'rejected')	Yes	pending			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
group_id	BTREE	No	No	group_id	0	A	Yes	

faculty

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
fullname	varchar(100)	No				
department	varchar(50)	No				
expertise	varchar(100)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	10	A	No	

groups

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
name	varchar(255)	No				
cluster_id	int(11)	Yes	NULL	clusters -> id		
join_code	varchar(10)	Yes	NULL			
created_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	1	A	No	
join_code	BTREE	Yes	No	join_code	1	A	Yes	
fk_groups_cluster	BTREE	No	No	cluster_id	1	A	Yes	

group_members

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
group_id	int(11)	No		groups -> id		
student_id	int(11)	No		user_tbl -> user_id		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	2	A	No	
group_id	BTREE	Yes	No	group_id	2	A	No	
				student_id	2	A	No	
student_id	BTREE	No	No	student_id	2	A	No	

panel_invitations

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
panel_id	int(11)	No				
token	varchar(64)	No				
status	enum('pending', 'accepted', 'rejected')	Yes	pending			
invited_at	datetime	No	current_timestamp()			
responded_at	datetime	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
token	BTREE	Yes	No	token	0	A	No	
unique_invitation	BTREE	Yes	No	panel_id	0	A	No	
panel_id	BTREE	No	No	panel_id	0	A	No	

panel_members

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
first_name	varchar(50)	No				
last_name	varchar(50)	No				
email	varchar(100)	No				
specialization	varchar(100)	No				
status	enum('active', 'inactive')	Yes	active			
created_at	timestamp	No	current_timestamp()			
updated_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
email	BTREE	Yes	No	email	0	A	No	

payments

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
student_id	int(11)	No		user_tbl -> user_id		
amount	decimal(10,2)	No				
status	enum('pending', 'completed', 'failed')	No	pending			
payment_date	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
student_id	BTREE	No	No	student_id	0	A	No	

proposals

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				

Column	Type	Null	Default	Links to	Comments	Media type
group_id	int(11)	No		groups -> id		
title	varchar(255)	No				
description	text	Yes	NULL			
file_path	varchar(255)	Yes	NULL			
submitted_at	timestamp	No	current_timestamp()			
status	enum('Pending', 'Approved', 'Rejected', 'Under Review', 'Revision Requested')	No	Pending			
feedback	text	Yes	NULL			
reviewed_at	timestamp	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	
group_id	BTREE	No	No	group_id	0	A	No	

required_documents

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
document_name	varchar(255)	Yes	NULL			
description	text	Yes	NULL			
required_for_defense	tinyint(1)	Yes	0			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	

rooms

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
room_name	varchar(50)	Yes	NULL			
building	varchar(100)	Yes	NULL			
capacity	int(11)	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	10	A	No	

student_profiles

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
user_id	int(11)	No				
school_id	varchar(50)	No				
full_name	varchar(100)	No				
course	varchar(100)	No				
cluster	int(11)	No				
school_year	varchar(20)	No				
created_at	timestamp	No	current_timestamp()			
updated_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	2	A	No	
unique_user	BTREE	Yes	No	user_id	2	A	No	

submission_timelines

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
title	varchar(255)	No				
description	text	Yes	NULL			
is_active	tinyint(1)	Yes	1			
created_at	timestamp	No	current_timestamp()			
updated_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	

timeline_milestones

Column	Type	Null	Default	Links to	Comments	Media type
id (<i>Primary</i>)	int(11)	No				
timeline_id	int(11)	No				
title	varchar(255)	No				
description	text	Yes	NULL			
deadline	datetime	No				
status	enum('pending', 'active', 'completed')	Yes	pending			
created_at	timestamp	No	current_timestamp()			
updated_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	6	A	No	

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
timeline_id	BTREE	No	No	timeline_id	6	A	No	

user_tbl

Column	Type	Null	Default	Links to	Comments	Media type
user_id (Primary)	int(11)	No				
email	varchar(150)	No				
password	varchar(255)	No				
role	enum('Admin', 'Faculty', 'Student')	No	Student			
created_at	timestamp	No	current_timestamp()			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	user_id	5	A	No	
email	BTREE	Yes	No	email	5	A	No	