

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
USERS	ID	User Id	BIGINT	999999	1-999999	Y	PK	
	EMAIL	Unique email address	VARCHAR	XXXX@XX.XX		Y		
	PASSWORD	Password	VARCHAR	XXXXXX		Y		
	NAME	First name	VARCHAR	XXXX XXXX		Y		
	EMAIL_VERIFIED_AT	Verification of email	TIMESTAMP	YYYY-MM-DD hh:mm:ss				
	UNI_ID_NUM	Id number of your school id	VARCHAR	XXXXX				
	USER_PNUM	Phone number	VARCHAR	09XXXXXXXXXX				
	USER_PIC	Profile picture	VARCHAR					
	USER_ABOUTME	About me content	VARCHAR	XXXXX				
	USER_TYPE	Account Type: Student, Teacher, Admin	VARCHAR	XXXXX		Y		
	USER_STATUS	Account Status: Active, Deactivated, Suspended	VARCHAR	XXXXX		Y		
	USER_DOB	User date of birth	DATE	MM-DD-YYY		Y		
	IS_AFFILIATED	1 if user has university connection, 0 if not	TINYINT	1				

	IS_PREMIUM	1 if premium, 0 if not	TINYINT	1		Y		
	GOOGLE_USER_ID	Unique id to connect google account	VARCHAR	XXXXXX				
	GOOGLE_ACCESS_TOKEN	Token for access of google services	VARCHAR	XXXXXXX				
	GOOGLE_REFRESH_TOKEN	Token use to regenerate access token	VARCHAR	XXXXXXXXX				
	GOOGLE_TOKEN_EXPIRY	Expiration date for access token	DATETIME	YYYY-MM-DD hh:mm:ss				
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
STUDENTS	ID	Student Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	UNI_BRANCH_ID	University Branch Id	BIGINT	999999	1-999999		FK	UNIVERSITY_BRANCHES
	SECTION_ID	Student section or class	BIGINT	999999	1-999999		FK	SECTIONS
	COURSE	Student course	VARCHAR	XXXXX				
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
FACULTIES	ID	Teacher Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	UNI_BRANCH_ID	University Branch Id	BIGINT	999999	1-999999		FK	UNIVERSITY BRANCHES
	COURSE_ID	Course Id	BIGINT	XXXXX			FK	COURSES
	FACULTY_POSITION	Faculty staff position	VARCHAR	XXXXX				
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
INSTITUTION_ADMINS	ID	Institution Admin Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id of the institution id	BIGINT	999999	1-999999	Y	FK	USERS
	INSUB_ID	Institutional Subscription Id	BIGINT	999999	1-999999	Y	FK	INSTITUTION SUBSCRIPTIONS
	INS_ADMIN_PROOF	A proof that they are part of the institution						
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
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Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
UNIVERSITIES	ID	University Id	BIGINT	999999	1-999999	Y	PK	
	UNI_NAME	Unique university name	VARCHAR	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
UNIVERSITY_BRANCHES	ID	University branch Id	BIGINT	999999	1-999999	Y	PK	
	UNI_ID	University Id	BIGINT	999999	1-999999	Y	FK	UNIVERSITIES
	UNI_BRANCH_NAME	University branch name	VARCHAR	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATE_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
DEPARTMENTS	ID	Department Id	BIGINT	999999	1-999999	Y	PK	
	UNI_BRANCH_ID	Associated university branch id	BIGINT	999999	1-999999	Y	FK	UNIVERSITY_BRANCHES
	DEPT_NAME	Department name	VARCHAR	XXXXXX		Y		
	ADDED_BY	Username that adds the department	VARCHAR	XXXXXX				
	DEPT_ACRONYM	Department acronym	VARCHAR	XXXXXX				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
COURSES	ID	Course Id	BIGINT	999999	1-999999	Y	PK	
	DEPT_ID	Department Id	BIGINT	999999	1-999999	Y	FK	DEPARTMENTS
	COURSE_NAME	Program/Course name	VARCHAR	XXXXXX		Y		
	ADDED_BY	User that add the course	VARCHAR	XXXXXX				
	COURSE_ACRONYM	Course acronym	VARCHAR	XXXXXX				

	CREATED_AT	Date created	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
SECTIONS	ID	Section Id	BIGINT	999999	1-999999	Y	PK	
	COURSE_ID	Course Id	BIGINT	999999	1-999999		FK	COURSES
	USER_ID	User Id of assigned faculty	VARCHAR	XXXXXX		Y	FK	USERS
	SECTION_NAME	Section name	VARCHAR	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
GROUPS	ID	Group Id	BIGINT	999999	1-999999	Y	PK	
	TASK_ID	Task Id	BIGINT	999999	1-999999		FK	ASSIGNED_ TASKS
	SECTION_ID	Section Id	BIGINT	999999	1-999999		FK	SECTIONS
	GROUP_NAME	Group name	VARCHAR	XXXXXX		Y		

	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
GROUP_MEMBERS	ID	Group Members Id	BIGINT	999999	1-999999	Y	PK	
	GROUP_ID	Group Id	BIGINT	999999	1-999999	Y	FK	GROUPS
	STUD_ID	Student user Id	BIGINT	999999	1-999999	Y	FK	USERS
	SECTION_ID	Section Id	BIGINT	999999	1-999999			
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
ASSIGNED_TASKS	ID	Revision History Id	BIGINT	999999	1-999999	Y	PK	
	SECTION_ID	Section Id	BIGINT	999999	1-999999	Y	FK	SECTIONS
	TASK_TITLE	Instructor's comment	VARCHAR	XXXXX		Y		

	TASK_INSTRUCTIONS	Task instructions	TEXT	XXXXX				
	TASK_DUEDATE	Task due date	DATETIME	YYYY-MM-DD hh:mm:ss		Y		
	TASK_START_DATE	Task start date	DATETIME	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date revised	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
MANUSCRIPT_COMMENTS	ID	Manuscript comment Id	BIGINT	999999	1-999999	Y	PK	
	MANUSCRIPT_ID	Capstone Manuscript Id	BIGINT	999999	1-999999	Y	FK	MANUSCRIPTS
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	FACULTIES

	PARENT_ID	Parent comment ID for replies	BIGINT	999999	1-999999			
	BODY	Comment body	TEXT	XXXXXX				
	CONTENT	Comment content	TEXT	XXXXXX				
	COMMENTABLE_TYPE	Comment Type	VARCHAR	XXXXXX		Y		
	DELETED_AT	Date deleted	TIMESTAMP	YYYY-MM-DD hh:mm:ss				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
MANUSCRIPT_RATINGS	ID	Manuscript comment Id	BIGINT	999999	1-9999999	Y	PK	
	MANUSCRIPT_ID	Capstone Manuscript Id	BIGINT	999999	1-9999999	Y	FK	MANUSCRIPTS

	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	RATING	Manuscript Rating	TINYINT	5		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
MANUSCRIPTS	ID	Capstone document Id	BIGINT	999999	1-999999	Y	PK	
	GROUP_ID	Group Id	BIGINT	999999	1-999999	Y	FK	GROUPS
	SECTION_ID	Section Id	BIGINT	999999	1-999999		FK	SECTIONS
	MAN_DOC_TITLE	Capstone manuscript title	VARCHAR	XXXXXX		Y		
	MAN_DOC_DESCRIPTION	Like a rationale, abstract or summary	VARCHAR	XXXXXX				
	MAN_DOC_CONTENT	Pdf/docs of capstone manuscript	VARCHAR	XXXX		Y		

	MAN_DOC_STATUS	Manuscript Status: Approved, Rejected, Published, Draft	VARCHAR	X		Y		
	MAN_DOC_ADVISER	Capstone adviser name	VARCHAR	XXXXXX				
	MAN_DOC_VIEW_COUNT	How many visited the manuscript	INT	9				
	MAN_DOC_VISIBILITY	Manuscript visibility						
	IS_PUBLISHED	Is manuscript publish	TINYINT	0		Y		
	MAN_DOC_RATING	Capstone manuscript rating	DECIMAL	0.0				
	UPDATED_AT	Date modified	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
REVISION_HISTORY	ID	Revision History Id	BIGINT	999999	1-999999	Y	PK	
	MANUSCRIPT_ID	Capstone Document Id	BIGINT	999999	1-999999	Y	FK	MANUSCRIPT
	INS_ID	Instructor Id	BIGINT	999999	1-999999	Y	FK	FACULTIES
	GROUP_ID	Group Id	BIGINT	999999	1-999999	Y	FK	GROUPS
	SECTION_ID	Section Id	BIGINT	999999	1-999999		FK	SECTIONS

	INS_COMMENT	Instructor's comment	VARCHAR	XXXXX				
	CREATED_AT	Date revised	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		

Table 15: AUTHOR Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
AUTHOR	ID	Student user Id	BIGINT	999999	1-999999	Y	PK1, FK1	STUDENT
	MAN_DOC_ID	Capstone document Id	BIGINT	999999	1-999999	Y	PK2, FK2	CAPSTONE_DOC
	USER_ID							

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
TAGS	ID	Tag Id	BIGINT	999999	1-999999	Y	PK	
	TAGS_NAME	Tag name	VARCHAR	XXXXX		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
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MANUSCRIPT_TAG	ID	Tag Id	BIGINT	999999	1-999999	Y	PK	TAG
	MANUSCRIPT ID	Capstone manuscript Id	BIGINT	999999	1-999999	Y	FK	MANUSCRIPTS
	TAG_ID	Tag Id	BIGINT	999999	1-999999	Y	FK	TAGS

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
SUBSCRIPTION_PLANS	ID	Subscription plan Id	BIGINT	999999	1-999999	Y	PK	
	PLAN_NAME	Subscription plan name	VARCHAR	XXXXXX	1-999999	Y		
	PLAN_PRICE	Subscription plan price	DECIMAL	0.0		Y		
	PLAN_TERM	Subscription plan term	INT	0		Y		
	PLAN_TYPE	Type: Personal, Institutional	VARCHAR	XXXXXX		Y		
	PLAN_TEXT	Plan description	VARCHAR	XXXXXX				
	PLAN_STATUS	Status: Available, Unavailable	VARCHAR	XXXXXX		Y		
	PLAN_USER_NUM	Default maximum number of user	VARCHAR	XXXXXX				
	PLAN_DISCOUNT	Plan discount	DECIMAL	0.0				
	FREE_TRIAL_DAYS	How many days for free trial	INT	9				
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
PERSONAL_SUBSCRIPTIONS	ID	Personal subscription Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	PLAN_ID	Plan Id	BIGINT	999999	1-999999	Y	FK	SUBSCRIPTION_PLANS
	PERSUB_STATUS	Status: Active, Paused, Expired, Canceled	VARCHA	X		Y		
	NOTIFY_RENEWAL	1 to be notified when subscription expires, 0 if not	TINYINT	1				
	TOTAL_AMOUNT	Amount of the subscription	DECIMAL	0.0		Y		
	START_DATE	Date subscription started	DATE	YYYY-MM-DD		Y		
	END_DATE	Date subscription ended	DATE	YYYY-MM-DD		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
INSTITUTION_SUBSCRIPTIONS	ID	Institutional subscription Id	BIGINT	999999	1-999999	Y	PK	

	UNI_BRANCH_ID	University Branch Id	BIGINT	999999	1-999999	Y	FK	UNIVERSITY_B RANCHES
	PLAN_ID	Plan Id	BIGINT	999999	1-999999	Y	FK	SUBSCRIPTION_ PLANS
	INSUB_STATUS	Status: Active, Paused, Expired, Canceled	VARCHAR	X		Y		
	INSUB_NUM_USER	Number of users affiliated	INT	XXXXXX		Y		
	TOTAL_AMOUNT	Amount of the subscription	DECIMAL	0.0				
	INSUB_CONTENT	Csv for the list of users	VARCHAR					
	NOTIFY_RENEWAL	1 to be notified when subscription expires, 0 if not	TINYINT	1				
	START_DATE	Date subscription started	DATE	YYYY-M M-DD		Y		
	END_DATE	Date subscription ended	DATE	YYYY-M M-DD		Y		
	CREATED_AT	Date created	TIMESTAM P	YYYY-M M-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
TRANSACTION S	ID	Transaction Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999		FK	USERS
	PLAN_ID	Subscription Plans Id	BIGINT	999999	1-999999		FK	SUBSCRIPTION_ PLANS

	CHECKOUT_ID	Checkout session of paymongo	VARCHAR	XXXXX				
	REFERENCE_NUMBER	Reference Number of payment	VARCHAR					
	TRANS_AMOUNT	Total amount	DECIMAL	0.0				
	PAYMENT_METHOD	Payment method	VARCHAR	XXXXX				
	TRANS_STATUS	Status: Pending, Paid, failed	VARCHAR	XXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 22: CHAT Table								
Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
CHAT	CHAT_ID	Chat Id	BIGINT	999999	1-999999	Y	PK	
	FROM_ID	User id of the sender	BIGINT	999999	1-999999	Y	FK	USER
	TO_ID	User id of the receiver	BIGINT	999999	1-999999	Y	FK	USER
	CHAT_MESSAGE	Message contents	VARCHAR(MAX)	XXXXXX		Y		
	CHAT_IS_SEEN	If message is seen 1, else 0	BOOLEAN	0				
	SENT_AT	Date sent	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
FAVORITES	ID	Favorites Id	BIGINT	999999	1-999999	Y	PK	
	MANUSCRIPT_ID	Capstone Manuscript Id	BIGINT	999999	1-999999	Y	FK	MANUSCRIPTS
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 24: DOC_COMMENT Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
DOC_COMMENT	COMM_ID	Comment Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User id	BIGINT	999999	1-999999	Y	FK	USER
	CAP_DOC_ID	Capstone document id	BIGINT	999999	1-999999	Y	FK	CAPSTONE DOC
	COMM_CONTENT	Comment content	VARCHAR(MAX)	XXXXXX		Y		
	EDITED_AT	Date edited	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 25: FORUM Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
FORUM	FORUM_ID	Forum Id	BIGINT	999999	1-999999	Y	PK	

	USER_ID	Creator's user Id	BIGINT	999999	1-999999	Y		
	FORUM_TITLE	Forum title	VARCHAR(60)	XXXXXX		Y		
	FORUM_DESC	Description of the forum	VARCHAR (MAX)	XXXXXX				
	FORUM_TYPE	Type: Title Suggestion, Discussion	VARCHAR(30)	XXXXXX		Y		
	FORUM_ATTACH MENT	Attachment of the forum	BLOB					
	FORUM_VIEW_C OUNT	How many visits the forum	INT	9		Y		
	FORUM_LIKE_CO UNT	How many like the forum	INT	9				
	FORUM_STATUS	Type: Solved, Not Solved	VARCHAR(30)			Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 26: POST Table								
Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
POST	POST_ID	Post Id	BIGINT	999999	1-999999	Y	PK	
	FORUM_ID	Forum Id	BIGINT	999999	1-999999	Y	FK	FORUM
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USER
	POST_CONTENT	Post content	VARCHAR(MAX)	XXXXXX				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 27: REPLIES Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
REPLIES	REPLIES_ID	Replies Id	BIGINT	999999	1-999999	Y	PK	
	POST_ID	Post Id	BIGINT	999999	1-999999		FK	POST
	COMM_ID	Comment Id	BIGINT	999999	1-999999		FK	COMMENT
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USER
	REPLY_CONTENT	Post content	VARCHAR(MAX)	XXXXXX				
	REPLY_TYPE	Type: Comment, Post	VARCHAR(1)	X				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 28: FORUM_TAG Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
FORUM_TAG	FORUM_ID	Forum Id	BIGINT	999999	1-999999	Y	PK1, FK1	FORUM
	TAG_ID	Tag Id	BIGINT	999999	1-999999	Y	PK2, FK2	TAG

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
NOTIFICATIONS	ID	Notification Id	BIGINT	999999	1-999999	Y	PK	
	TYPE	Notification Type	BIGINT	999999	1-999999	Y	FK	USER
	NOTIFIABLE_TYPE	Class name of the model	VARCHAR	XXXXXX		Y		

	NOTIFIABLE_ID	Id of the instance of notifiable type	VARCHAR	XXXXX		Y		
	DATA	Json-encoded array	TEXT	XXXXX		Y		
	READ_AT	Mark as read date	TIMESTAMP	YYYY-MM-DD hh:mm:ss				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table 30: FOLLOW Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
FOLLOW	FOLLOW_ID	User's follower Id	BIGINT	999999	1-999999	Y	PK	
	FOLLOWER_USER_ID	Follower's user id	BIGINT	999999	1-999999		FK	USER
	FOLLOWING_USER_ID	Following user id	BIGINT	999999	1-999999		FK	USER
	FOLLOWED_AT	Date added	TIMESTAMP	YYYY-M M-DD hh:mm:ss		Y		

Table 31: SUBSCRIPTION_HISTORY Table

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
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SUBSCRIPTI ON_HISTOR Y	SUB_HIS_ID	Subscription History Id	BIGINT	999999	1-999999	Y	PK	
	INSUB_ID	Institutional Subscription Id	BIGINT	999999	1-999999		FK	INSTITUTIO NAL_SUBS CRPTION
	PERSUB_ID	Personal Subscription Id	BIGINT	999999	1-999999		FK	PERSONAL _SUBSCRIP TION
	ACTIVITY	Description of the activity	VARCHAR(MAX)	XXXXXX				
	SUB_HIS_TYPE	Type: Institutional, Personal	VARCHAR(30)	XXXXXX				
	CREATED_AT	Date created	DATETIME	YYYY-MM -DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
USER_LOGS	LOG_ID	User history Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USER
	ACTIVITY	Description of the activity	VARCHAR	XXXXXX		Y		
	LOG_ACTIVITY_ CONTENT	Content of the activity	VARCHAR	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM -DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
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FEEDBACKS	ID	Feedback Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	FEEDBACK_RATING	User rating	INT	9				
	FEEDBACK_CONTENT	User's suggestion	TEXT	XXXXXX				
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
REPORTS	ID	Report Id	BIGINT	999999	1-999999	Y	PK	
	REPORTER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	REPORTED_ID	Id of the reported content	BIGINT			Y	FK	USERS
	REPORT_TYPE	Reason for the submitted report	VARCHAR	XXXXXX		Y		
	REPORT_ATTACHMENT	Screenshots or evidence	VARCHAR	XXXXXX				
	REPORT_STATUS	Status: Closed, For Review, Solved	VARCHAR	XXXXXX		Y		
	REPORT_LOCATION		VARCHAR	XXXXXX		Y		
	REPORT_DESC		VARCHAR	XXXXXX				
	CLOSED_AT	Date Solved or closed	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

	CREATED_AT	Date submitted	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	SUSPENSION_START_DATE	Start date of suspension	TIMESTAMP	YYYY-MM-DD hh:mm:ss				
	SUSPENSION_END_DATE	End date of suspension	TIMESTAMP	YYYY-MM-DD hh:mm:ss				

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
REPORTS_TYPES	ID	Report Reason Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	Created By User Id	BIGINT	999999	1-999999	Y	FK	USERS
	REPORT_TYPE_CONTENT	Description of the reason	VARCHAR	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		

Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
ACCESS_CONTROLS	ACCESS_ID	Access Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	User Id	BIGINT	999999	1-999999	Y	FK	USERS
	ROLE	User role	VARCHAR	XXXX		Y		

	DASHBOARD_ACCESS	Permission access to dashboard page	TINYINT	1		Y		
	USER_ACCESS	Permission access to user page	TINYINT	1		Y		
	ARCHIVE_ACCESS	Permission access to archive page	TINYINT	1		Y		
	SUBSCRIPTION&BILLING_ACCESS	Permission access to subscription & billing page	TINYINT	1		Y		
	REPORTS&FEEDBACK_ACCESS	Permission access to reports & feedbacks page	TINYINT	1		Y		
	TERMS&CONDITION_ACCESS	Permission access to terms and condition page	TINYINT	1		Y		
	PLAN_ACCESS	Permission access to plan page	TINYINT	1		Y		
	FAQ_ACCESS	Permission access to faq page	TINYINT	1		Y		
	ADVANCED_ACCESS	Permission access to advance page	TINYINT	1		Y		
	CAN_EDIT	Permission to edit	TINYINT	1		Y		
	CAN_ADD	Permission to add	TINYINT	1		Y		

	CAN_DELETE	Permission to delete	TINYINT	1		Y		
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Table	Attribute Name	Contents	Data Type	Format	Range	Required	PK or FK	FK Referenced Table
CUSTOM_CONTENTS	ID	Content Id	BIGINT	999999	1-999999	Y	PK	
	USER_ID	Id of the person who added	BIGINT	999999	1-999999	Y	FK	USER
	CONTENT_TYPE	Type: Agreement, Receipt, FAQs	VARCHAR	XXXXXX		Y		
	CONTENT_TITLE	Title of the content	TEXT	XXXXXX		Y		
	SUBJECT	Subject of the message	VARCHAR	XXXXXX		Y		
	CONTENT_TEXT	Content Description	LONGTEXT	XXXXXX		Y		
	CREATED_AT	Date created	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		
	UPDATED_AT	Date updated	TIMESTAMP	YYYY-MM-DD hh:mm:ss		Y		