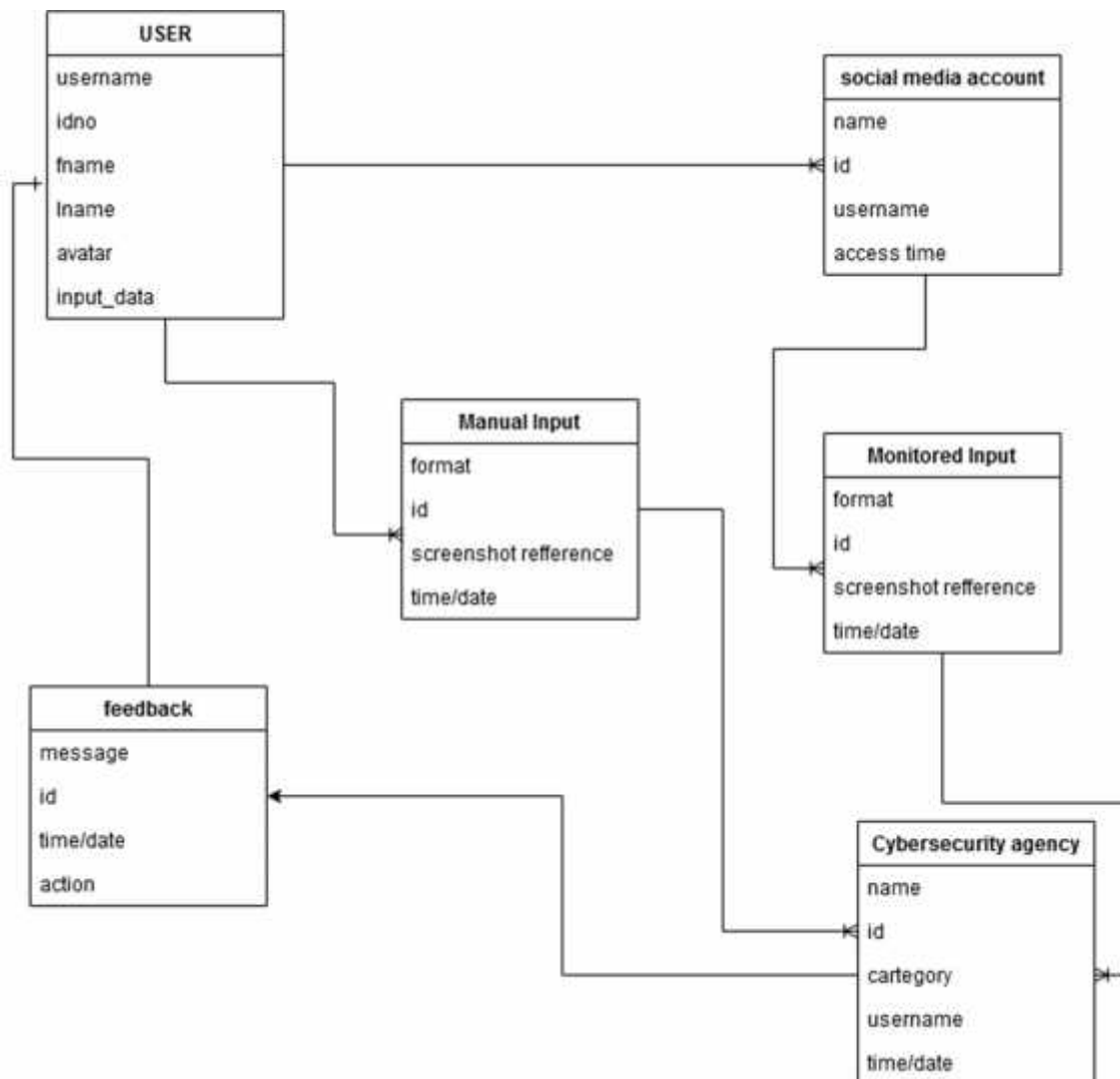


## DATABASE REQUIREMENT SPECIFICATION FOR ONLINE SUSPICIOUS DISCUSSION DETECTOR

### DATABASE MANAGEMENT SYSTEM FILES

This system is client-server based with the database hosted on the server. All requests and responses to the database will be controlled by the server using HTTPs protocol.

### DBMS schemas, subschemas, records, sets, tables, storage page sizes



## User table

#	Name	Type	Collation	Attributes	Null	Default	Comments Extra	Action
1	user_id	int(11)			No	None	AUTO_INCREMENT	Change Drop More
2	user_firstname	text	utf8_swedish_ci		No	None		Change Drop More
3	user_lastname	text	utf8_swedish_ci		No	None		Change Drop More
4	user_username	varchar(125)	utf8_swedish_ci		Yes	NULL		Change Drop More
5	urlName	varchar(125)	utf8_swedish_ci		Yes	NULL		Change Drop More
6	EmailId	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
7	Password	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
8	user_avatar	varchar(255)	utf8_swedish_ci		No	None		Change Drop More
9	user_gender	varchar(255)	utf8_swedish_ci		Yes	NULL		Change Drop More
10	ContactNo	char(11)	utf8_swedish_ci		Yes	NULL		Change Drop More
11	user_website	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
12	user_dob	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
13	user_country	varchar(255)	utf8_swedish_ci		Yes	NULL		Change Drop More
14	user_address	varchar(255)	utf8_swedish_ci		Yes	NULL		Change Drop More
15	user_profession	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
16	user_shorbio	varchar(100)	utf8_swedish_ci		Yes	NULL		Change Drop More
17	RegDate	timestamp			Yes	CURRENT_TIMESTAMP		Change Drop More
18	Ipaddress	timestamp			Yes	NULL	CURRENT_TIMESTAMP	Change Drop More
19	user_backgroundpicture	varchar(255)	utf8_swedish_ci		No	None		Change Drop More

## System Logs.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	user_log_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique
2	username	varchar(25)	latin1_swedish_ci		No	None		Change Drop Primary Unique
3	login_date	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique
4	logout_date	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique
5	id	int(11)			No	None		Change Drop Primary Unique
6	ip_address	varchar(100)	latin1_swedish_ci		No	None		Change Drop Primary Unique

### description of the database tables

#### user table

Columns	Constraints	Data type	Size	Description
idno	Primary Key	int	50	Uniquely identifies the user
username	Unique	text	100	Set for session value
fname		varchar	255	User first name
lname		varchar	255	User last name
avatar		varchar	255	User avatar for profile display
Input_data		varchar	255	Data monitored or manually entered by user as a threat
RegDate		Timestamp		Registration date and time

#### Social media account table

Columns	Constraints	Data type	Size	description
id	Primary Key	integer	50	Identifies the social media account
name		varchar	255	User's Social media name
username	Foreign key	varchar	255	For creating relationships with the user table

<b>Access time</b>		<b>timestamp</b>		<b>Time the monitor detected the suspicious discussion</b>
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#### Cyber-security agency table

<b>Columns</b>	<b>Constraints</b>	<b>Data type</b>	<b>Size</b>	<b>description</b>
<b>id</b>	<b>Primary Key</b>	<b>integer</b>	<b>50</b>	<b>Unique identification for the cybersecurity agency</b>
<b>name</b>		<b>varchar</b>	<b>255</b>	<b>Name of the agency</b>
<b>username</b>	<b>Foreign Key</b>	<b>varchar</b>	<b>255</b>	<b>For identifying the user submitting a complaint by linking the data to the user table.</b>
<b>Time/date</b>		<b>timestamp</b>		<b>Time of complain submission</b>
<b>complain</b>		<b>varchar</b>	<b>255</b>	<b>The complaint accompanied with relevant evidences.</b>

## Logical model; ER Diagram

