

Table of contents

1 data_collections	Page number: 3
2 directeds	Page number: 4
3 directed_languages	Page number: 5
4 directed_task_assigns	Page number: 6
5 districts	Page number: 7
6 d_c_directeds	Page number: 8
7 d_c_directed_sentences	Page number: 9
8 d_c_spontaneoususes	Page number: 10
9 failed_jobs	Page number: 11
10 groups	Page number: 12
11 group_collectors	Page number: 13
12 languages	Page number: 14
13 language_districts	Page number: 15
14 migrations	Page number: 16
15 model_has_permissions	Page number: 17
16 model_has_roles	Page number: 18
17 password_resets	Page number: 19
18 permissions	Page number: 20
19 personal_access_tokens	Page number: 21
20 roles	Page number: 22
21 role_has_permissions	Page number: 23
22 speakers	Page number: 24
23 spontaneoususes	Page number: 25
24 spontaneous_languages	Page number: 26
25 spontaneous_task_assigns	Page number: 27
26 task_assigns	Page number: 28
27 topics	Page number: 29

28 unions	Page number: 30
29 upazilas	Page number: 31
30 users	Page number: 32
31 villages	Page number: 33
32 Relational schema	Page number: 34

1 data_collections

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
longitude	varchar(255)		Yes	NULL				
latitude	varchar(255)		Yes	NULL				
type_id	tinyint(4)		Yes	NULL			1=Directed, 2=Spontaneous	
language_id	bigint(20)	UNSIGNED	No			-> languages.id ON UPDATE RESTRICT ON DELETE RESTRICT		
collector_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
speaker_id	bigint(20)	UNSIGNED	No			-> speakers.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

2 directeds

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
sentence	varchar(255)		No					
topic_id	bigint(20)	UNSIGNED	No			-> topics.id ON UPDATE RESTRICT ON DELETE RESTRICT		
english	longtext		Yes	NULL				
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

3 directed_languages

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
topic_id	bigint(20)	UNSIGNED	No			-> topics.id ON UPDATE RESTRICT ON DELETE CASCADE		
language_id	bigint(20)	UNSIGNED	No			-> languages.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

4 directed_task_assigns

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
task_assign_id	bigint(20)	UNSIGNED	No			-> task_assigns.id ON UPDATE RESTRICT ON DELETE CASCADE		
user_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE CASCADE		
topic_id	bigint(20)	UNSIGNED	No			-> topics.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

5 districts

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
created_by	int(11)		Yes	NULL				
updated_by	int(11)		Yes	NULL				
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

6 d_c_directeds

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
data_collection_id	bigint(20)	UNSIGNED	No			-> data_collections.id ON UPDATE RESTRICT ON DELETE RESTRICT		
topic_id	bigint(20)	UNSIGNED	No			-> topics.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

7 d_c_directed_sentences

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
audio	varchar(255)		No					
d_c_directed_id	bigint(20)	UNSIGNED	No			-> d_c_directeds.id ON UPDATE RESTRICT ON DELETE RESTRICT		
directed_id	bigint(20)	UNSIGNED	No			-> directeds.id ON UPDATE RESTRICT ON DELETE RESTRICT		
approved_date	datetime		No					
approved_by	int(11)		Yes	NULL				
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

8 d_c_spontaneoususes

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
audio	varchar(255)		No					
data_collection_id	bigint(20)	UNSIGNED	No			-> data_collections.id ON UPDATE RESTRICT ON DELETE RESTRICT		
spontaneous_id	bigint(20)	UNSIGNED	No			-> spontaneoususes.id ON UPDATE RESTRICT ON DELETE RESTRICT		
approved_date	datetime		No					
approved_by	int(11)		Yes	NULL				
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

9 failed_jobs

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
uuid	varchar(255)		No					
connection	text		No					
queue	text		No					
payload	longtext		No					
exception	longtext		No					
failed_at	timestamp		No	CURRENT_TIMESTAMP				

10 groups

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
manager_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
supervisor_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
guide_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

11 group_collectors

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
group_id	bigint(20)	UNSIGNED	No			-> groups.id ON UPDATE RESTRICT ON DELETE CASCADE		
user_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

12 languages

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
status	tinyint(4)		No	0			0=inactive, 1=active	
created_by	int(11)		Yes	NULL				
updated_by	int(11)		Yes	NULL				
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

13 language_districts

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
language_id	bigint(20)	UNSIGNED	No			-> languages.id ON UPDATE RESTRICT ON DELETE CASCADE		
district_id	bigint(20)	UNSIGNED	No			-> districts.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

14 migrations

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(10)	UNSIGNED	No		auto_increment			
migration	varchar(255)		No					
batch	int(11)		No					

15 model_has_permissions

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
permission_id	bigint(20)	UNSIGNED	No			-> permissions.id ON UPDATE RESTRICT ON DELETE CASCADE		
model_type	varchar(255)		No					
model_id	bigint(20)	UNSIGNED	No					

16 model_has_roles

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
role_id	bigint(20)	UNSIGNED	No			-> roles.id ON UPDATE RESTRICT ON DELETE CASCADE		
model_type	varchar(255)		No					
model_id	bigint(20)	UNSIGNED	No					

17 password_resets

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
email	varchar(255)		No					
token	varchar(255)		No					
created_at	timestamp		Yes	NULL				

18 permissions

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
guard_name	varchar(255)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

19 personal_access_tokens

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
tokenable_type	varchar(255)		No					
tokenable_id	bigint(20)	UNSIGNED	No					
name	varchar(255)		No					
token	varchar(64)		No					
abilities	text		Yes	NULL				
last_used_at	timestamp		Yes	NULL				
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

20 roles

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
guard_name	varchar(255)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

21 role_has_permissions

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
permission_id	bigint(20)	UNSIGNED	No			-> permissions.id ON UPDATE RESTRICT ON DELETE CASCADE		
role_id	bigint(20)	UNSIGNED	No			-> roles.id ON UPDATE RESTRICT ON DELETE CASCADE		

22 speakers

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
phone	varchar(255)		Yes	NULL				
gender	tinyint(4)		No				0=Male, 1=Female	
email	varchar(255)		Yes	NULL				
image	varchar(255)		No					
age	varchar(255)		Yes	NULL				
occupation	varchar(255)		Yes	NULL				
education	varchar(255)		Yes	NULL				
address	text		Yes	NULL				
district_id	bigint(20)	UNSIGNED	Yes	NULL		-> districts.id ON UPDATE RESTRICT ON DELETE RESTRICT		
upazila_id	bigint(20)	UNSIGNED	Yes	NULL		-> upazilas.id ON UPDATE RESTRICT ON DELETE RESTRICT		
union_id	bigint(20)	UNSIGNED	Yes	NULL		-> unions.id ON UPDATE RESTRICT ON DELETE RESTRICT		
village_id	bigint(20)	UNSIGNED	Yes	NULL		-> villages.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		Yes	NULL				
updated_by	int(11)		Yes	NULL				
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

23 spontaneouses

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
word	varchar(255)		No					
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

24 spontaneous_languages

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
spontaneous_id	bigint(20)	UNSIGNED	No			-> spontaneoususes.id ON UPDATE RESTRICT ON DELETE CASCADE		
language_id	bigint(20)	UNSIGNED	No			-> languages.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

25 spontaneous_task_assigns

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
task_assign_id	bigint(20)	UNSIGNED	No			-> task_assigns.id ON UPDATE RESTRICT ON DELETE CASCADE		
user_id	bigint(20)	UNSIGNED	No			-> users.id ON UPDATE RESTRICT ON DELETE CASCADE		
spontaneous_id	bigint(20)	UNSIGNED	No			-> spontaneoususes.id ON UPDATE RESTRICT ON DELETE CASCADE		
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

26 task_assigns

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
user_id	bigint(20)	UNSIGNED	Yes	NULL		-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
group_id	bigint(20)	UNSIGNED	Yes	NULL		-> groups.id ON UPDATE RESTRICT ON DELETE RESTRICT		
language_id	bigint(20)	UNSIGNED	No			-> languages.id ON UPDATE RESTRICT ON DELETE RESTRICT		
district_id	bigint(20)	UNSIGNED	No			-> districts.id ON UPDATE RESTRICT ON DELETE RESTRICT		
upazila_id	bigint(20)	UNSIGNED	No			-> upazilas.id ON UPDATE RESTRICT ON DELETE RESTRICT		
union_id	bigint(20)	UNSIGNED	No			-> unions.id ON UPDATE RESTRICT ON DELETE RESTRICT		
village_id	bigint(20)	UNSIGNED	No			-> villages.id ON UPDATE RESTRICT ON DELETE RESTRICT		
total_sample	varchar(255)		No					
start_date	date		No					
end_date	date		No					
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

27 topics

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

28 unions

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
upazila_id	bigint(20)	UNSIGNED	No			-> upazilas.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

29 upazilas

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
district_id	bigint(20)	UNSIGNED	No			-> districts.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

30 users

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
user_type	tinyint(4)		Yes	NULL			1=Manager, 2=Supervisor, 3=Guide, 4=Data Collector	
email	varchar(255)		No					
avatar	varchar(255)		Yes	NULL				
phone	varchar(255)		Yes	NULL				
email_verified_at	timestamp		Yes	NULL				
password	varchar(255)		Yes	NULL				
remember_token	varchar(100)		Yes	NULL				
join_date	date		Yes	NULL				
nid	varchar(255)		Yes	NULL				
education	varchar(255)		Yes	NULL				
short_bio	longtext		Yes	NULL				
address	text		Yes	NULL				
created_by	int(11)		Yes	NULL				
updated_by	int(11)		Yes	NULL				
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

31 villages

Creation: Feb 13, 2022 at 09:52 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)	UNSIGNED	No		auto_increment			
name	varchar(255)		No					
union_id	bigint(20)	UNSIGNED	No			-> unions.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_by	int(11)		No					
updated_by	int(11)		No					
created_at	timestamp		Yes	NULL				
updated_at	timestamp		Yes	NULL				

-2 33 68 103 138 173 208 242 277 312 347 382 417 452 487 522 556 591 626 661 696 731 766 801 836 871 906 940 975 1010

-3

32

67

102

137

172

207

241

276

311

346

381

416

451

486

521

556

590

