

DATA DICTIONARY

Submitted By:

Nitin Thwass	19103082
Rohan	19103083
Abhishek Kumar	19103103
Vipul Anand	19103122

PROCESS

Process Name: 1.0 Login

Description: User name and Password are entered and profiles displayed.

Inbound Data Flows: User name, Password

Outbound Data Flows: User profile

Process Name: 2.0 generate exam

Description: Question displayed

Inbound Data Flows: Questions, Answers, faculty

Outbound Data Flows: Question paper

Process Name:3.0 Admin Activity

Description: Administrator adds faculty, Questions, Students

Inbound Data Flows: Faculty,Student information added,Questions added

Outbound Data Flows: Faculty Data,Student Data,Questions Data,Results

DATA FLOW NAMES

Name: tbl_result_summary

Description: summary of result

From Process: 3.4 Results

#	COLUMN	TYPE	CONSTRAINT	DESCRIPTION	EXAMPLE
1	Summary_id (primary key)	int(10)	Not NULL, Auto Increment	Id for result summary	1
2	student_id	int(11)	Not NULL	Id of concerned student	4
3	marks	decimal(10,2)	Not NULL	Marks of concerned student	34.5
4	added_date	date	Not NULL	Date	30-04-2021

Name : tbl_result

Description: Contains information of result

From Process: 3.4 Manage Result

#	COLUMN	TYPE	CONSTRAINT	DESCRIPTION	EXAMPLE
1	result_id(primary key)	int(10)	Not Null Auto_Increment	Id for result	1
2	student_id	int(11)	Not Null	Id for student	4
3	question_id	int(11)	Not Null	Id for question	3
4	user_answer	int(11)	Not Null	Answer of the user	1
5	right_answer	int(11)	Not Null	Correct Answer	1
6	added_date	date	Not Null	Date	01-05-2021

Name: tbl_faculty

Description: Contains information of faculty

From Process: 3.2 Manage Faculty

#	COLUMN	TYPE	CONSTRAINT	DESCRIPTION	EXAMPLE
1	faculty_id	int(10)	NOT NULL	Faculty id	6
2	faculty_name	varchar(150)	NOT NULL	Faculty name	Abhi
3	time_duration	int(11)	NOT NULL	Time duration	60
4	qns_per_set	int(11)	NOT NULL	Questions in per set	15
5	total_english	int(10)	NOT NULL	Total english questions	5
6	total_math	int(10)	NOT NULL	Total maths questions	10
7	is_active	varchar(10)	NOT NULL	Active or not	Yes or No
8	added_date	date	NOT NULL	When questions added	2021-04-21
9	updated_date	date	NOT NULL	When question updated	2021-04-24

Name: tbl_student

Description: Contains information of Students

From Process:3.2 Manage Students

#	COLUMN	TYPE	CONSTRAINT	DESCRIPTION	EXAMPLE
1	student_id	int(10)	NOT NULL	Student id	1
2	first_name	varchar(150)	NOT NULL	First name of student	Abhishek
3	last_name	varchar(150)	NOT NULL	Last name of student	Kumar
4	email	varchar(150)	NOT NULL	Email of student	abhishekkumar .bt19cse@pec. edu.in
5	username	varchar(100)	NOT NULL	Username	upwala
6	password	varchar(255)	NOT NULL	Password	abhi@124
7	contact	varchar(20)	NOT NULL	Contact no	8988541625
8	gender	varchar(10)	NOT NULL	Gender of Student	Male
9	faculty	varchar(50)	NOT NULL	Faculty	Physics
10	is_active	varchar(10)	NOT NULL	Student is active or not	Yes
11	added_date	date	NOT NULL	When added	2021-04-25
12	updated_date	date	NOT NULL	When updated	2021-04-29

Name: tbl_app

Description: admin information

From process: 1.1 Login

#	NAME	TYPE	CONSTRAINT	DESCRIPTION	EXAMPLE
1	app_id	int(10)	NOT NULL, AUTO INCREMENT	Id of the admin	1
2	app_name	varchar(255)	NOT NULL	Name of the admin	Rohan
3	email	varchar(200)	NOT NULL	Email of the admin	Rohan@gmail.com
4	username	varchar(100)	NOT NULL	Username of the admin for Login Credentials	admin
5	password	varchar(255)	NOT NULL	Password of the admin for login Credentials	admin
6	contact	varchar(20)	NOT NULL	Contact of the admin	8580599830
7	added_date	date	NOT NULL	Date at which admin was added	28-04-2020
8	updated_date	date	NOT NULL	Updated date	01-05-2021

Name: tbl_question

Description: Questions and options with correct option and reasons

From process: 3.3 Manage Questions

#	COLUMN	TYPE	CONSTRAINTS	DESCRIPTION	EXAMPLE
1	question_id	int(10)	NOT NULL	Question Id	5
2	question	longtext	NOT NULL	Question	Why is that?
3	first_answer	varchar(255)	NOT NULL	First answer	1
4	second_answer	varchar(255)	NOT NULL	Second answer	2
5	third_answer	varchar(255)	NOT NULL	Third Answer	3
6	fourth_answer	varchar(255)	NOT NULL	Fourth Answer	4
7	fifth_answer	varchar(255)	NOT NULL	Fifth Answer	5
8	answer	int(11)	NOT NULL	Correct Answer	1
9	reason	longtext	NOT NULL	Explanation	that's why
10	marks	decimal(10,0)	NOT NULL	Marks Obtained	34.5
11	category	varchar(100)	NOT NULL	Type of Question	Numerical
12	faculty	int(11)	NOT NULL	Subject	EAD
13	is_active	varchar(10)	NOT NULL	Active or Not	Yes
14	added_date	date	NOT NULL	Added Date	30-04-2021
15	updated_date	date	NOT NULL	Updated Date	30-04-2021
16	image_name	varchar(255)	NOT NULL	Image for question	abc.jpg