

# Data Dictionaries

## SUBMITTED BY:

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## User : Contains general information of a User

column	Type	Description	Example
<b>Id (pk)</b>	int(11)	Unique key to identify each user	1876534279
<b>username</b>	Varchar(15)	username for log in to system	John0802
<b>auth_key</b>	Varchar(32)	key to remember username and password	PdNfV2HWtL5efmYKS wN3kWnF97Bz2rE I
<b>password_hash</b>	Varchar(60)	generate hash for password	\$2y \$13\$QtBx5UYoH3 Fg9S lp2X8d7eHpxswuy 4zZ/ VWfHgs2kXDnr8H XhZo BC
<b>password_reset_token</b>	Varchar(43)	token for user to reset password	S_f7X10B83mpMa LBYz7H_ TNv7q- Ta6j_1497180423
<b>email</b>	Varchar(60)	email address that user use for register to system	abc@gmail.com
<b>created_at</b>	Date	date of new username is created	01/03/2017
<b>updated_at</b>	Date	date of user update username or password	23/12/2017
<b>role</b>	Smallint(2)	role to distinguish user type	10 = donor 20 = patient

**Pk(primary key) , FK(foreign key)**

## Donor: Contains general information of a Donor

Column	Type	Description	Example
<b>d_id(PK)</b>	Int(11)	Unique key to identify donor	1
<b>d_name</b>	Varchar(50)	Name and surname of donor	Alexander washington
<b>d_dob</b>	Date	Donor's date of birth	02/10/2001
<b>d_age</b>	Int(2)	Donor's age	25
<b>d_addr</b>	Varchar(200)	Address of donor	424 trapah bkk 1200025
<b>d_gender</b>	Varchar(6)	Gender of donor	Male,female
<b>d_phone</b>	Int(10)	Contact number of donor	9438227836
<b>blood_type</b>	Text(3)	Blood type of donor	AB
<b>type_rh</b>	Varchar(10)	Identify special type of blood	Rh positive ,Rh negative
<b>Medical_certificate_submitted</b>	varchar(3)	Has the donor Submitted his/her medical certificate	'YES' or 'NO'

**Pk(primary key) , FK(foreign key)**

## Blood Donation: Contains blood donation information of each donor

Column	Type	Description	Example
<b>b_id(PK)</b>	Int(10)	Unique key to identify each donation	1234567890
<b>d_id(FK)</b>	Int(11)	Unique key to identify donor	1
<b>h_id(FK)</b>	Int(10)	Unique key to identify hospital	3257865235
<b>bloodbag_id(FK)</b>	Int(10)	Unique key to identify each bag	128
<b>blood_qty</b>	Int(2)	A unit of blood donate per time	1(units)
<b>donor_date</b>	Date	Donation date	17/04/2019
<b>blood_type</b>	Varchar(3)	Blood type of donor	AB
<b>type_rh</b>	Varchar(10)	Identify special type of blood	Rh positive, Rh negative

Pk(primary key) , FK(foreign key)

## Inventory: Contains the inventory information

Column	Type	Description	Example
<b>bloodbag_id (PK)</b>	varchar(10)	generate id to identify blood bag	1109746001
<b>blood_type</b>	Varchar(3)	blood type of donor	AB
<b>blood_volume</b>	int(3)	Amount of blood in each bag	150 (cc)
<b>expire_date</b>	Date	date of blood expire	24/04/2020
<b>receive_date</b>	Date	Date of receive blood	28/04/2019
<b>send_status</b>	Varchar(1)	Identify whether blood is sent	1 = yes 0 = no
<b>expire_status</b>	Varchar(1)	Identify whether blood is sent	1 = yes 0 = no
<b>type_rh</b>	Varchar(10)	Identify special type of blood	Rh positive, Rh negative

Pk(primary key) , FK(foreign key)

## Hospital: Contains general information of the Hospital

Column	Type	Description	Example
<b>h_id(PK)</b>	Int(10)	Unique key to identify hospital	1234985600
<b>h_name</b>	Varchar(30)	Hospital name	Indraprastha Apollo hospital
<b>h_addr</b>	Varchar(60)	Address of hospital	Sarita vihar , Delhi - mathura road , New delhi
<b>h_phone</b>	Int(15)	Contact number of hospital	029561335-3213
<b>h_email</b>	Varchar(30)	Contact email to hospital	apollohospital@gmail.com

Pk(primary key) , FK(foreign key)

## Patient : contains all the information of patient

Column	Type	Description	Example
p_id(PK)	Int(10)	Unique identity given to the patient	5566565235
p_name	Varchar(30)	Name of the patient	Mohit kumar
p_age	Int(3)	Age of the patient	30
p_contact	Int(10)	Contact number of the patient	9468127389
p_addr	Varchar(60)	Address of the patient	9, friends market , opp SBI , Chandni chowk, delhi
p_email	Varchar(50)	Email of the patient	<a href="mailto:xyz@gmail.com">xyz@gmail.com</a>
request_date	Date	On which date blood is requested	25/05/2020
require_date	Date	On which day he requires blood	28/05/2020
req_blood_group	Varchar(3)	Blood group that is required	AB
rh_type	Varchar(10)	Special type of blood required	Rh positive , Rh negative
req_amount	Int(5)	Amount of blood required	100 (cc)
Emergency_case	Varchar(3)	is this an urgent case	'YES' or 'NO'