## **Description of Understanding of Project**

The goal of this project is to understand how to design and build a website and its services. This project mainly focusses on creation of a complete website which manages and processes web data. The management and fetching of data are done using database. The creation of website requires the knowledge of the following languages: HTML and CSS for appearances and content of the website; JavaScript for validation of the fields; PHP for server-side web development to create dynamic web page content.

The website is going to be created for the organization named LEANEVENTO whose contents are in Spanish. Its **Home Page /Inicio** gives a brief introduction about the organization, what we do and lists all its sponsors. This is the main Home page of this website. It also shows how many volunteers are involved in this organization, the number of people benefited, the number of sponsors and it also quotes Martin Luther King's words "Injustice anywhere is a threat to justice everywhere". We can navigate to many pages from the Home page using the links provided on the header of this page such as Aboutus/Quienes Somos, Blog/Blog, Sign Up/Registrate, Contact Us/Contacto, Log In/Iniciar Sesion, Buy from Us/Comprar Boletos. The Home Page does not fetch any table in the database. The contents of this page are static.

Every page in this website has the feature of navigating to any other page provided by the website. This website needs access to three tables in the database: *User table, Events table and Contact table*.

The **Aboutus/Quienes Somos** page has a detailed description about the organization and its purpose. This page does not fetch any data from the database. The contents of this page are static.

The **Blog** page has various testimonials provided by the volunteers, sponsors and all the people who contributed to this organization. The Blog does not fetch any table in the database. The contents of this page are created by the owners of this website and are static.

The **Sign Up/Registrate** page allows the new users to register to this website. Sign up for a user differs between three types of roles that the organization recognizes: *Individual, Business and Agent*. For each of these roles, a pop-up is used to receive details from the user. For each of these users, the data received such as Email, Password, Name, Address and City are stored in the *User table*. For every new user, the database creates a User ID by which each user is recognized uniquely.

Once registered, the user is given a separate account with a **Home** page (*Inicio* - Home Individual, Home Business, Home Agent) and **Profile** page (*Perfil* - Individual, Fundacion, Agente) based on the role.

The **Log In/Iniciar Sesion** page allows the users who have already registered with the organization to sign in to their accounts using their username and password. Once the user has signed in to their account, the home and profile pages (as explained earlier) are available to them. The login page is provided with the *Olvido su contraseña* (Forgot your password) link which can be accessed by users who have forgotten their password. Clicking this link will show a pop-up (*Login-recover password/Iniciar Sesion – Recuperar su Contraseña*). This pop-up asks only for the Email ID which was provided by the user during sign up.

**For Individual**, the **Inicio** page (Home Individual) contains the list of Events organized, its details, place, date and time and an option to choose between events. The user can choose the event that they are

interested in participating and confirm it. The confirmed event is recorded in the database in the **Events table** and **User table**. On confirmation of the event, a pop-up (*Bienvenido*) is displayed to thank the Individual for being a part of that event. These details are updated and fetched from the Events table. The **Perfil** page (Profile Home) displays the profile of the Individual with the option to edit all the data provided earlier by the user while creating the account. This profile page fetches data from the User table and displays it.

For Business, the Inicio page (Home Business) contains the list of Events organized and its corresponding details. This page is like the home page of Individual user. The Business user is given the option to choose between the events listed and confirm it. The confirmed event is stored in the database in the Events table and User table. On confirmation, the Bienvenido pop-up is displayed as explained earlier. The Perfil page (Profile Business) displays the profile of the Foundation whose details were given earlier during the registration of the foundation with the organization. The Business user is given the option to edit or update the details in this page.

For Agent, the user has access to create, update and delete events. These details are stored in the Events table. For every event created by the Agent, the database creates an Event ID by which each event is recognized uniquely. The Agent user has the access to add more volunteers as and when needed. Along with these, the agent also has access to add one or more foundations or Business organizations who are interested in participating in various events conducted. All these details are stored in the database in the User table. In short, the Agent acts like an admin who manages the content of this website. To facilitate these responsibilities of the Agent, the following pages are created. Inicio, Lista de Voluntarios, Lista de Fundaciones, Eventos, Agente. The Inicio page (Home Agent LEAN) contains the logo and access to navigate to any other page in the website. Lista de Voluntarios (List Individual) page displays a list of volunteers or list of Individuals and their corresponding Email, Telephone, Event conducted by them and Responsibility. The details for this page are fetched from the User table. Lista de Fundaciones (List Business) page displays a list of Foundations and their corresponding Events registered, Responsibility, Commission that the Agent gets from the foundation. The details for this page are fetched from the User table. Eventos (Events) page contains the list of Events and its corresponding place and time. The Agent has access to edit the events listed in this page or add a new event and its details as and when required. The details for this page are updated and fetched from the Events table. Agente page is like the profile page of Agent. This page displays the profile along with Agent's Registration ID and provides an option to edit the data which was provided while creating the account.

The **Contact/Contacto** page displays the contact information of the organization, links to social media profiles such as Facebook, Twitter, Instagram and Email. It also provides a dialog box where a person can contact the organization by providing his/her Email, Name, Topic and the message to be conveyed to the organization. The details entered in this page are updated and stored in the *Contact table*.

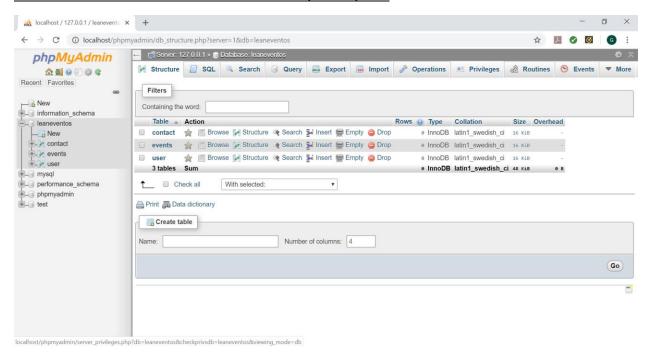
The **Buy from Us/Comprar Boletos** page has links to two pages: Inicio and Comprar Boletos. *Inicio* page (Home page) contains the list of events and their ticket value. When the user selects the desired event, it is redirected to the Comprar Boletos page. In *Comprar Boletos* page the event is added to the cart. It displays the description of the event, its managers and sponsorships for the event. The details for this page are fetched and stored in the *Events table*.

# Page and its corresponding tables

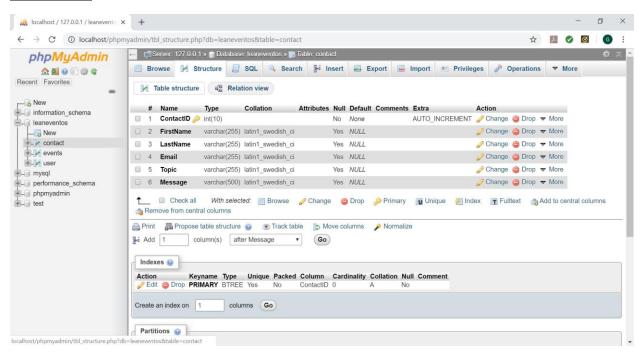
	Subpage of Page/Pop-	Subpage of		
Page	Up	subpage/Pop-up	Its Subpage	DB Tables used
Home Page/Inicio				No DB
Aboutus/Quienes Somos				No DB
Blog				No DB
Sign Up/Registrate	Inicio			No DB
	Registrate	Individual		User table
		Business		User table
		Agent LEAN		User table
Contact/Contacto				Contact table
Log In/Iniciar				
Sesion	Inicio	Home Individual/Inicio	Bienvenido	Events table
		Individual/Perfil		User table
		Home Business/Inicio	Bienvenido	Events table
		Fundacion/Perfil		User table
		Agent LEAN/Inicio		No DB
		List Individual/Lista de		User table and Events
		Voluntarios		table
		List Business/Lista de		User table and Events
		Fundaciones	A -1 -1	table
		Events/Eventos	Add Event/Registro	Events table
		Agent/Agente- Perfil	Lverit/ Negistro	User table
				OSEI LADIE
		Login-recover password/Recuperar		
	Iniciar Sesion	su Contraseña		User table
Comprar Boletos	Inicio			Event table
,	Comprar Boletos			Event table

#### **Screenshots of DB**

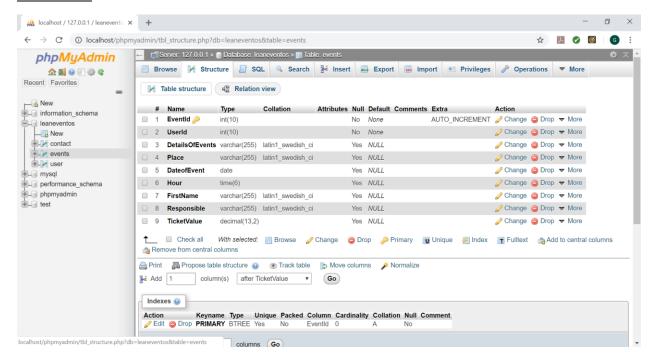
#### Database leaneventos with three tables: contact, events, user



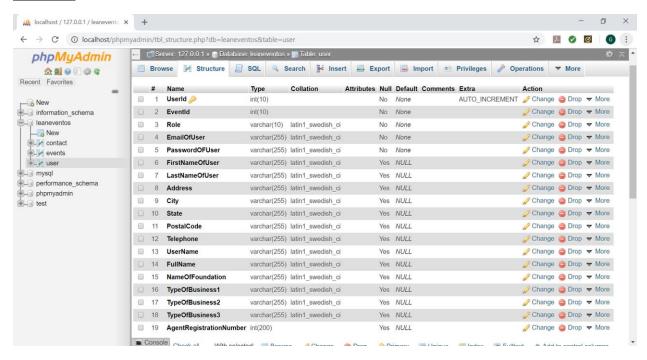
### **Contact table**



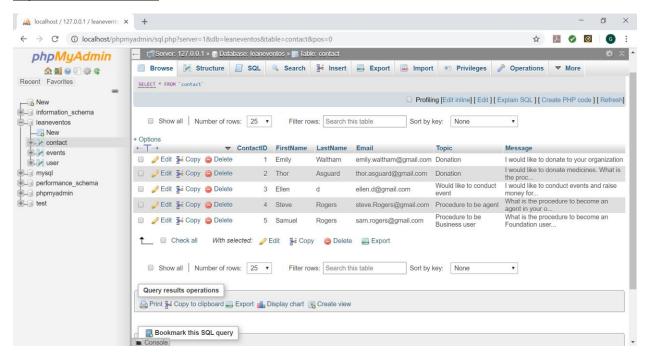
#### Events table



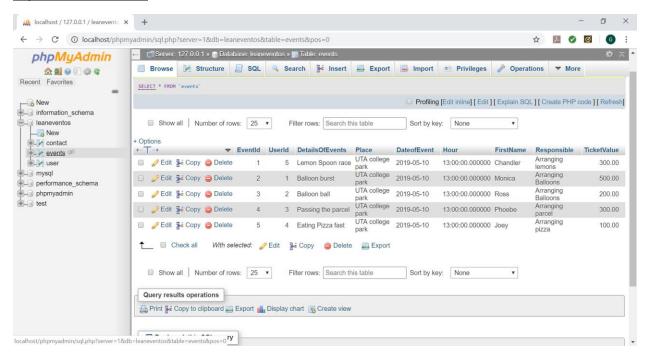
#### **User table**



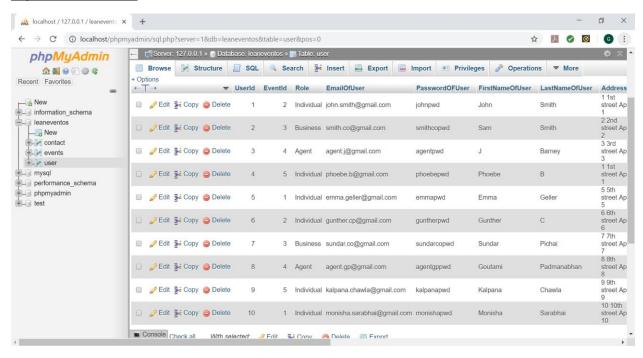
#### Populated contact table



#### Populated event table



#### Populated user table



### **Database Schema diagram**

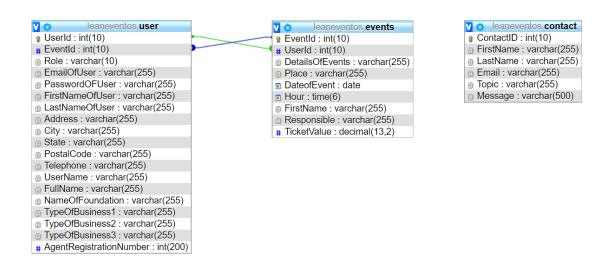


Table Name	Primary Key	Foreign Key
user	UserID	EventID
events	EventID	UserID
contact	ContactID	

Database: leaneventos, Table: contact, Purpose: Table structure

Column	Туре	Null	Default	Comments
ContactID	int(10)	No		
FirstName	varchar(255)	Yes	NULL	
LastName	varchar(255)	Yes	NULL	
Email	varchar(255)	Yes	NULL	
Topic	varchar(255)	Yes	NULL	
Message	varchar(500)	Yes	NULL	

Database: leaneventos, Table: contact, Purpose: Dumping data

ContactI	FirstNa	:Na LastNa Email		Topic	Message				
D	me	me							
1	Emily	Waltham	emily.waltham@gmail.com	Donation	I would like to donate to your organization				
2	Thor	Asguard	thor.asguard@gmail.com	Donation	I would like to donate medicines. What is the procedure				
3	Ellen	d	ellen.d@gmail.com	Would like to conduct event	I would like to conduct events and raise money for poor				
4	Steve	Rogers	steve.Rogers@gmail.com	Procedure to be agent	What is the procedure to become an agent in your				
					organization. I would like to conduct events, donate				
					money and collect more people to help				
5	Samuel	Rogers	sam.rogers@gmail.com	Procedure to be Business user	What is the procedure to become an Foundation user in				
					your organization. I would like to conduct events,				
					donate money and collect more people to help				

## Database: leaneventos, Table: events, Purpose: Table structure

Column	Туре	Null	Default	Comments
EventId	int(10)	No		
Userld	int(10)	No		
DetailsOfEvents	varchar(255)	Yes	NULL	
Place	varchar(255)	Yes	NULL	
DateofEvent	date	Yes	NULL	
Hour	time(6)	Yes	NULL	
FirstName	varchar(255)	Yes	NULL	
Responsible	varchar(255)	Yes	NULL	
TicketValue	decimal(13.2)	Yes	NULL	

Database: leaneventos, Table: events, Purpose: Dumping data

Eventl	Userl	DetailsOfEvent	Place	DateofEv	Hour	FirstNa	Responsible	TicketVal
d	d	S		ent		me		ue
1	5	Lemon Spoon race	UTA college park	2019-05-10	13:00:00.000000	Chandler	Arranging lemons	300.00
2	1	Balloon burst	UTA college park	2019-05-10	13:00:00.000000	Monica	Arranging Balloons	500.00
3	2	Balloon ball	UTA college park	2019-05-10	13:00:00.000000	Ross	Arranging Balloons	200.00
4	3	Passing the parcel	UTA college park	2019-05-10	13:00:00.000000	Phoebe	Arranging parcel	300.00
5	4	Fating Pizza fast	UTA college park	2019-05-10	13.00.00 000000	loev	Arranging pizza	100 00

## Database: leaneventos, Table: user, Purpose: Table structure

Column	Туре	Null	Default	Comments
UserId	int(10)	No		
EventId	int(10)	No		
Role	varchar(10)	No		
EmailOfUser	varchar(255)	No		
PasswordOFUser	varchar(255)	No		
FirstNameOfUser	varchar(255)	Yes	NULL	
LastNameOfUser	varchar(255)	Yes	NULL	
Address	varchar(255)	Yes	NULL	
City	varchar(255)	Yes	NULL	
State	varchar(255)	Yes	NULL	
PostalCode	varchar(255)	Yes	NULL	
Telephone	varchar(255)	Yes	NULL	
UserName	varchar(255)	Yes	NULL	
FullName	varchar(255)	Yes	NULL	
NameOfFoundatio	varchar(255)	Yes	NULL	
n				
TypeOfBusiness1	varchar(255)	Yes	NULL	
TypeOfBusiness2	varchar(255)	Yes	NULL	
TypeOfBusiness3	varchar(255)	Yes	NULL	
AgentRegistration	int(200)	Yes	NULL	
Number				

Database: leaneventos, Table: user, Purpose: Dumping data

Userl E	ventl	Role	EmailOfUs	<b>PasswordO</b>	FirstName	LastName	Address	City	State	PostalCo	Telephone	UserName	FullName	NameOfFo	TypeOfBus	TypeOfBus	TypeOfBus	AgentRegi
d	d		er	FUser	OfUser	OfUser				de				undation	iness1	iness2	iness3	strationNu mber
1	2	Individual	john.smith@ gmail.com	johnpwd	John	Smith	1 1st street Apt 1	Arlington	Texas	76010	9876543210	johnsmith						
2	3	Business	smith.co@g mail.com	smithcopwd	Sam	Smith	2 2nd street Apt 2	Arlington	Texas	76010	9876543211	smithco	Sam Smith	Smith and co	1			
3	4	Agent	agent.j@gma il.com	agentpwd	J	Barney	3 3rd street Apt 3	Arlington	Texas	76010	9876543212	agentj			1			1234567890
4	5	Individual	phoebe.b@g mail.com	phoebepwd	Phoebe	В	1 1st street Apt 1	Arlington	Texas	76010	9876543210	crazyphoebe						
5	1		emma.geller @gmail.com	emmapwd	Emma	Geller	5 5th street Apt 5	Arlington	Texas	76010	9876543215	emmag						
6	2	Individual	gunther.cp@ gmail.com	guntherpwd	Gunther	С	6 6th street Apt 6	Arlington	Texas	76010	9876543216	gunthercp						
7	3	Business	sundar.co@g mail.com	sundarcopwd	Sundar	Pichai	7 7th street Apt 7	Arlington	Texas	76010	9876543217	sundarco	Sundar Pichai	Smith and co		2		
8	4	Agent	agent.gp@g mail.com	agentgppwd	Goutami	Padmanabha n	8 8th street Apt 8	Arlington	Texas	76010	9876543218	agentgp						1234567891
9	5		kalpana.cha wla@gmail.c om	kalpanapwd	Kalpana	Chawla	9 9th street Apt 9	Arlington	Texas	76010	9876543219	kalpanac						
10	1	Individual	monisha.sara bhai@gmail.c	monishapwd	Monisha	Sarabhai	10 10th street Apt 10	Arlington	Texas	76010	9876543220	monishas						