



Serve@marquette

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What is it and what are the tools?

- Web application which will serve as an online bulletin board for volunteer opportunities
- One stop bulletin for MU organizations
- Platform
 - LAMP (Linux, Apache, MySQL, PHP)
 - HTTP *:80
 - HTML/CSS/Javascript
 - SMTP (auto)

Design

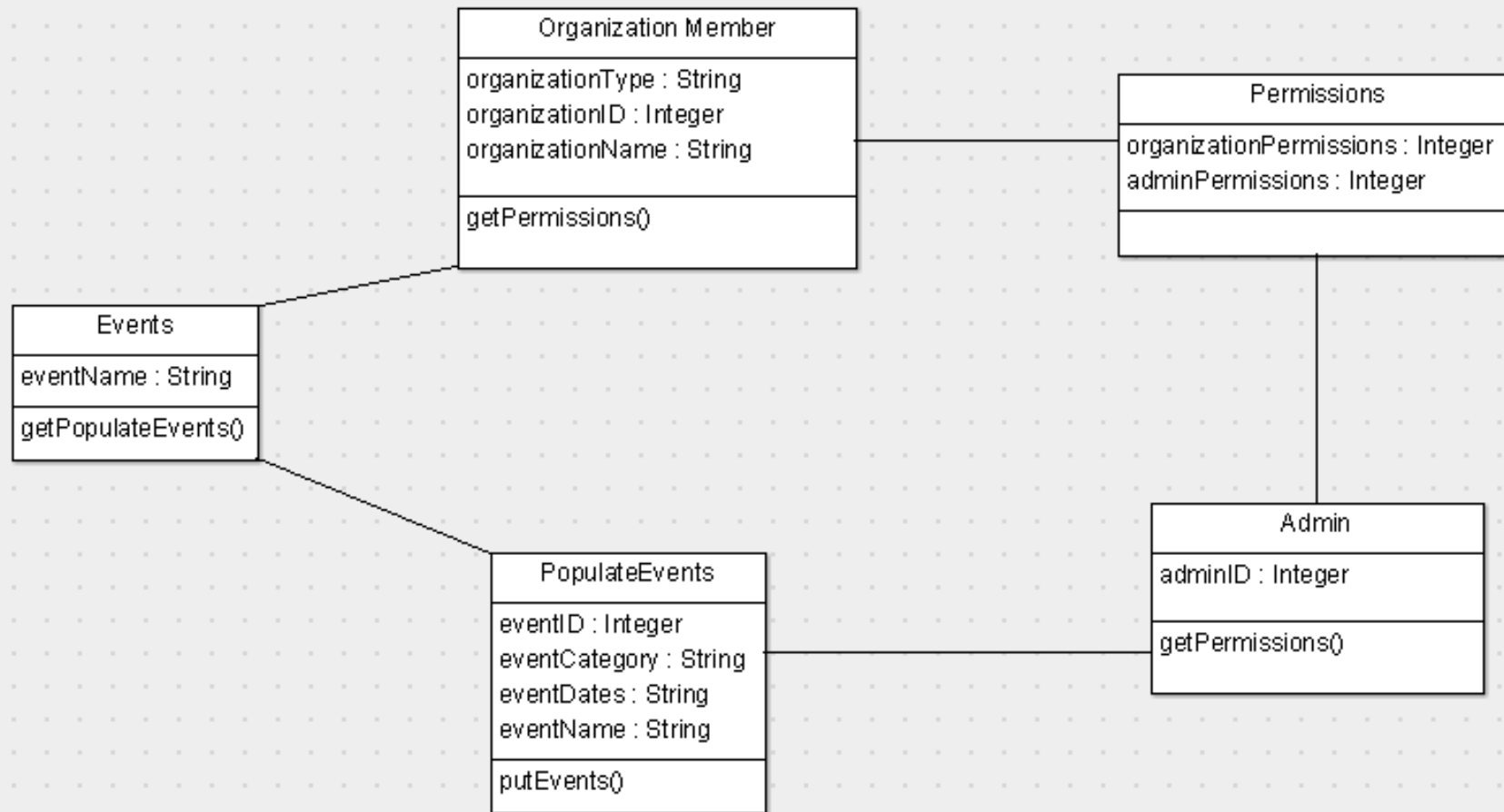
Front – HTML, JavaScript, CSS

Back – SQL/PHP

What are the services?

- Display the list of volunteer opportunities for the current week
- Also all the recent events those are posted by the organizations
- This website contains a login mechanism for the Admin or Organization member.
- Organization member can add, edit or delete any event.
- Good platform for organization promotions
- Not only a desktop application, also can be accessible from mobile devices.
- So students can view volunteer opportunities any time they want.

UML diagram



UML Textual Description

Populate Events

- Attributes: eventID, eventCategory, eventDates and eventName
- All these attributes are a part of the “PopulateEvents” class which will be associate with the “Events” class.
- The class events will have multiplicity of 1..* because there will be more than one instance of it.
- The method putEvents() will update the events in populateEvents

Organization Member:

- Contains information and operations for the organization members.
- Attributes: organizationType, organizationID and organizationName.
- Method getPermissions() will serve the purpose of the unique permissions from the “Permissions” class.

UML Textual Description

Admin:

- Responsible for maintaining and updating the permissions for the admin.
- This class is association with the “Permissions” class
- Method getPermissions() which will give the Admin class the proper permissions as an integer.

Permissions:

- Contains the integer value permission for both the organization member class as well as for the admin class.

Events:

- This class will associate the “populate Events” class.

SQL Schema

permissions_page_matches		
ID	permissions	page_id
1	1	1
2	1	14
3	1	16
4	2	1
5	2	3
6	2	4
7	2	5
8	2	6
9	2	7
10	2	8
11	2	9
12	2	14
13	2	16

Pages		
ID	Pages	Private (number)
1	addevent.php	0
2	editevent.php	0
3	delete.php	0
4	manage.php	1
5	admin_events.php	1
6	admin_permission.php	1
7	admin_permissions.php	1
8	admin_user.php	1
9	admin_users.php	1
10	forgot-password.php	0
11	index.php	0
13	logout.php	0
14	register.php	1
15	resend-activation.php	0
16	user-settings.php	0

Configuration		
ID	Name	Value
1	website_name	MU Volunteer
2	website_url	MARQNET
3	email	mucommunity@marquette.edu
4	activation	false
5	resend_activation_threshold	0
6	language	models/languages/en.php
7	template	mian

user_permissions_matches		
ID	user_id	permission_id
1	1	2

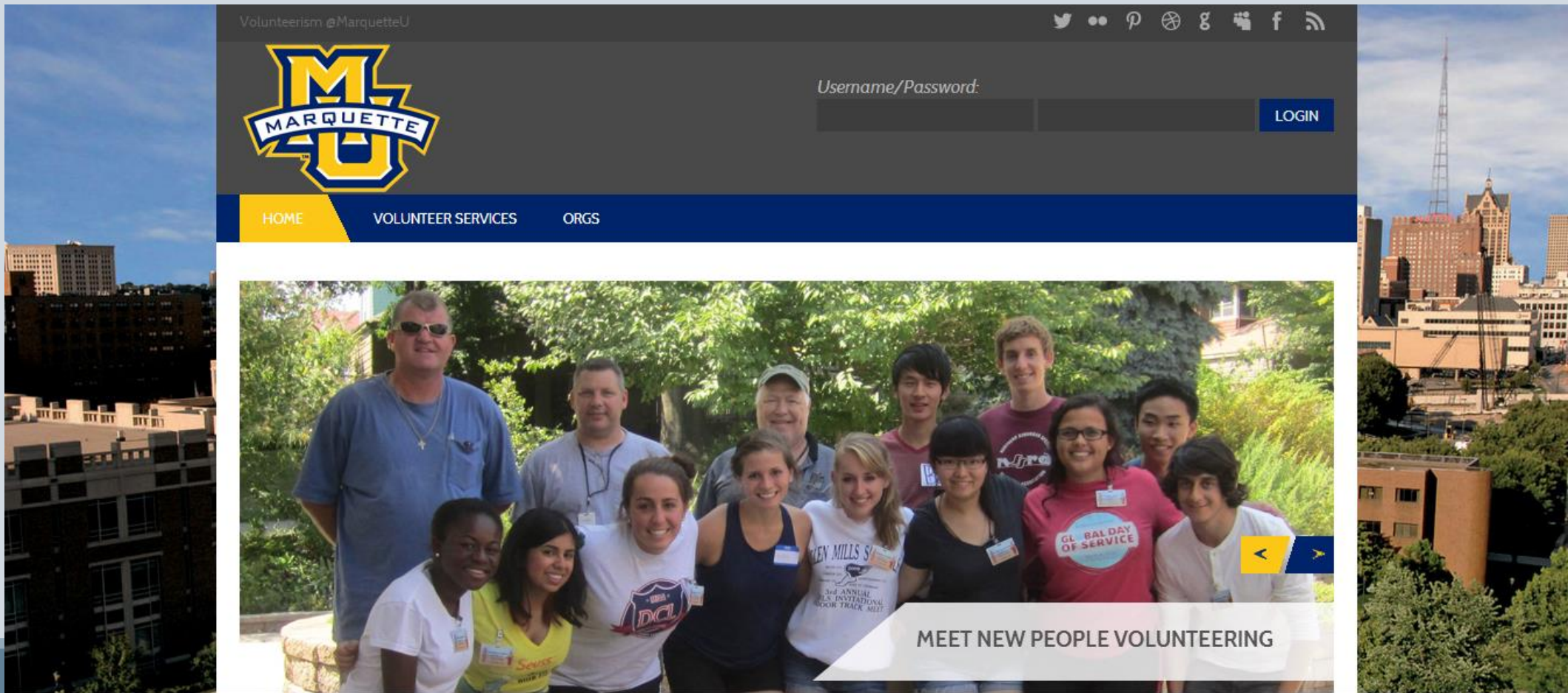
permissions	
ID	Permissions
1	Org Member
2	MU admin

users											
ID	user_name	organization	password	email	activation_token	last_activation_request	lost_password_request	active	org	sign_up_stamp	last_sign_in
1											

event						
ID	title	date_time	desc	user_id	org	email
1						

Screen shot of the webpage

Login URL: <http://serve.computing.name>




Login

- ❑ User category :
 - Admin
 - Organization

- ❑ Access privilege
 - Admin: Private (Default)
 - Organization (Default)

- ❑ But admin has the power to change the access privilege for any user.

Control panel



HOME VOLUNTEER SERVICES ORGS

- Account Home
- Add event
- Edit event
- Delete event
- User Settings
- Logout
- Admin Configuration
- Admin Users
- Admin Permissions
- Admin Pages

Hey, MUadmin. You're logged in for the organization MUCS. This account was created on Nov 24, 2013.

Organization actions



Add events

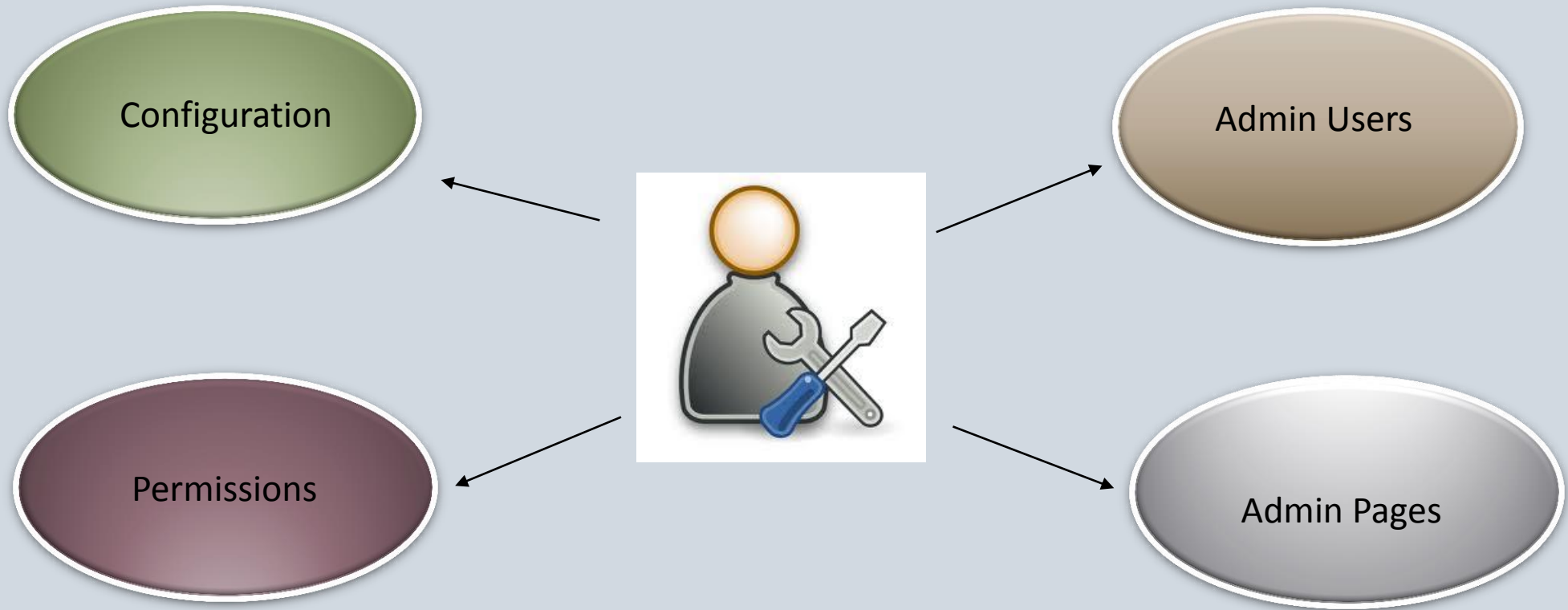


Edit event



Delete events

Admin Actions



Operations

