

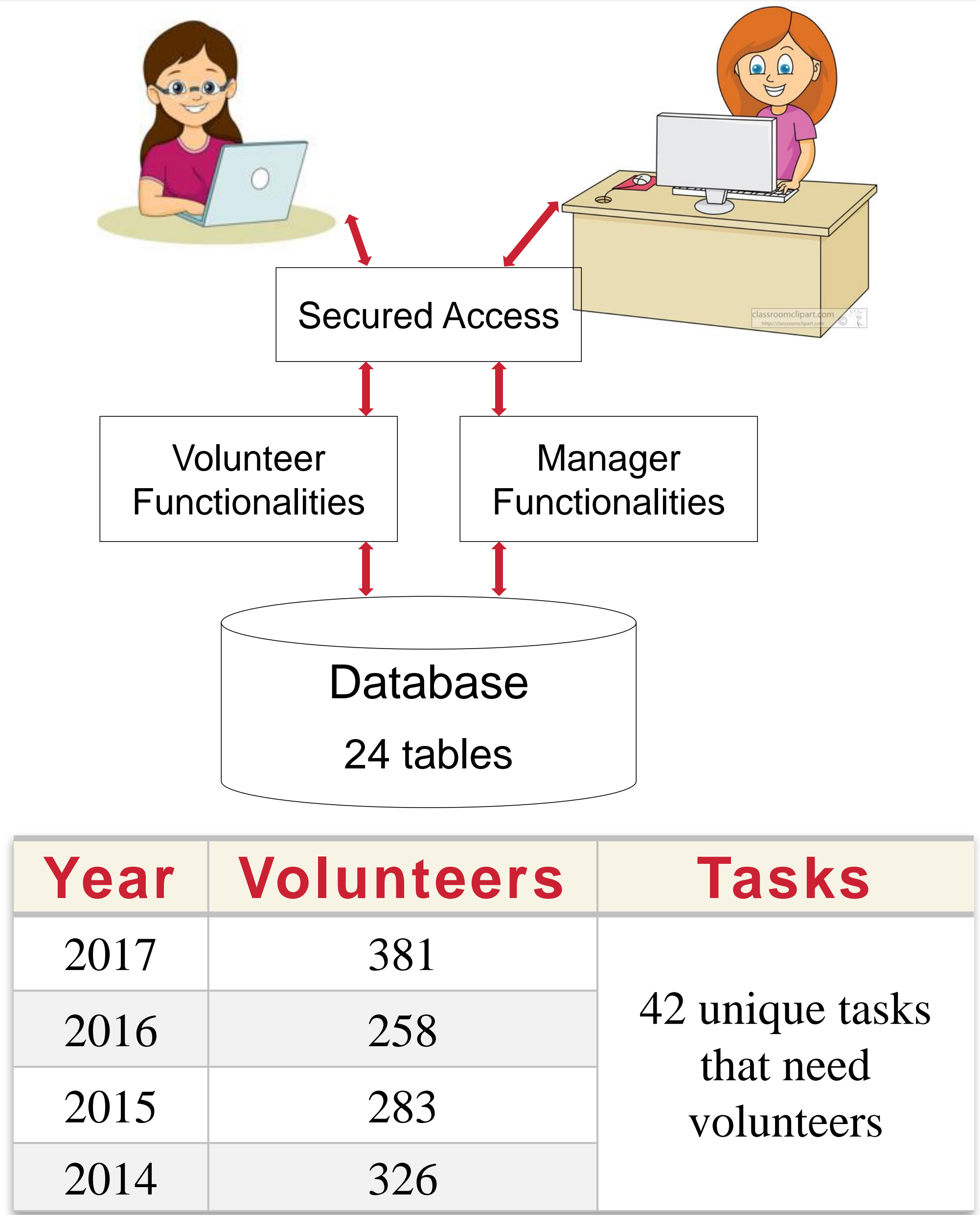


## MOTIVATION

The Math Day manager recruits over 300 volunteers to run the day-long event. She collects volunteer personal and contact information, time availability, signed legal forms, etc., then assigns each volunteer to one or more tasks depending on their availabilities and status (undergraduate student, graduate student, staff member, etc.). The amount of information to handle is staggering.

The system was first deployed in Sept. 2017.

## ARCHITECTURE



## DATABASE

[illegible]

## USER SIGN-UP

## Math Day Volunteers Site

About 1,500 high school students from more than 100 schools across Nebraska are expected to attend UNL Math Day this year. This event is an important recruiting tool, and helps to get students excited about math. Math Day represents a tremendous effort, and its success depends on you. This year, we need approximately 300 volunteers.

[LOGIN](#) [REGISTER](#)

To register, users must enter their name, phone number, email address, and password.

## Register as a Math Day volunteer

Example

Middle name

User

Preferred first name

(111) 111-1111

exampleuser@email.com

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Male

Female

CREATE MY ACCOUNT

An email is then sent to the user to confirm their email address and activate their account.

## USER SIGN-UP cont'd

Create application

APPLICANT

YASIP

Select all that apply

☐ Speaker
 ☐ Department Display
 ☒ Activity Worker

Status

Undergraduate

Faculty recruiter

LAST\_1\_First\_1

Home department

MATH

Class recruited

MATH 101

Comments

CREATE APPLICATION

[illegible]

I have read and understand these policies and agree to abide by them.

* Full Name	* Phone Number
Example User	(111) 111-1111

[Add Email](#)

# Task sign up

First, enter availabilities...

From: 2:30 PM • 5:30 PM

Availability:  
7:15 AM - 9:30 AM ☒  
2:30 PM - 5:30 PM ☒

Comments























then state preferences

Opening Ceremony II	<input checked="" type="radio"/>	7:00 AM - 9:00 AM	Acceptable
Serup II	<input checked="" type="radio"/>	7:00 AM - 9:00 AM	Acceptable
PROBE I Proctor	<input checked="" type="radio"/>	8:15 AM - 10:00 AM	Acceptable
Command Center I	<input checked="" type="radio"/>	10:00 AM - 12:15 PM	Acceptable
Timer	<input checked="" type="radio"/>	10:00 AM - 12:15 PM	Acceptable
PROBE II Proctor	<input checked="" type="radio"/>	11:15 AM - 1:20 PM	Acceptable
PROBE II Proctor	<input checked="" type="radio"/>	12:00 PM - 1:20 PM	Acceptable
Command Center II	<input checked="" type="radio"/>	1:00 PM - 3:45 PM	Acceptable
Timer	<input checked="" type="radio"/>	1:00 PM - 3:45 PM	Acceptable
Championship Rounds	<input checked="" type="radio"/>	3:00 PM - 5:00 PM	Acceptable
Timer	<input checked="" type="radio"/>	3:00 PM - 5:00 PM	Acceptable
Command Center	<input checked="" type="radio"/>	6:30 AM - 4:30 PM	Acceptable
Puzzles	<input checked="" type="radio"/>	11:30 AM - 3:30 PM	Acceptable

Once users enter their preferences, their application is complete. It can be updated by the user at any time.

## ADMIN FUNCTIONS

The **Activities** page allows the manager to enter new tasks and activities, specifying start/end times, the number of volunteers needed, status required, etc.

400 ACTIVITY						
400 SGA						
EVENT	DESC	STARTS	ENDS	LOAD	BACKUP LOAD	ACTION
AM Trier		10:00 AM	12:15 PM	24	6	 
PM Trier		1:00 PM	3:45 PM	24	6	 
Championship Round Trier		4:00 PM	6:00 PM	3	3	 
MODERATOR						
DESC	STARTS	ENDS	LOAD	BACKUP LOAD	ACTION	
AM Moderator		10:00 AM	12:15 PM	24	6	 
PM Moderator		1:00 PM	3:45 PM	24	6	 
Championship Round Moderator		2:00 PM	6:00 PM	3	3	 
AM VAN DRIVER						
DESC	STARTS	ENDS	LOAD	BACKUP LOAD	ACTION	
AM Van Driver		6:45 AM	9:00 AM	3	3	 
AM Van Driver Coordinator		6:45 AM	9:00 AM	1	1	 
PM VAN DRIVER						
DESC	STARTS	ENDS	LOAD	BACKUP LOAD	ACTION	
PM Van Driver		2:00 PM	6:30 PM	2	2	 
PM Van Driver Coordinator		2:00 PM	6:30 PM	1	1	 
SETUP						
DESC	STARTS	ENDS	LOAD	BACKUP LOAD	ACTION	
Setup Worker		7:00 AM	9:00 AM	15	10	 

Note: Data is sanitized to preserve privacy.

Recruiters [EMAIL](#) [EXCEL EXPORT](#) [ADD RECRUITER](#)

Search	ALL	NAME	EMAIL	ACTIVE
Name	<input type="checkbox"/>	Last-1, First-1	Recruiter-1@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-2, First-2	Recruiter-2@gmail.com	<input checked="" type="checkbox"/>
Columns	<input type="checkbox"/>	Last-3, First-3	Recruiter-3@gmail.com	<input checked="" type="checkbox"/>
id	<input type="checkbox"/>	Last-4, First-4	Recruiter-4@gmail.com	<input checked="" type="checkbox"/>
# Name	<input type="checkbox"/>	Last-5, First-5	Recruiter-5@gmail.com	<input checked="" type="checkbox"/>
# Email	<input type="checkbox"/>	Last-6, First-6	Recruiter-6@gmail.com	<input checked="" type="checkbox"/>
# Active	<input type="checkbox"/>	Last-7, First-7	Recruiter-7@gmail.com	<input checked="" type="checkbox"/>
# Active only	<input type="checkbox"/>	Last-8, First-8	Recruiter-8@gmail.com	<input checked="" type="checkbox"/>
<a href="#">Filter</a>	<input type="checkbox"/>	Last-9, First-9	Recruiter-9@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-10, First-10	Recruiter-10@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-11, First-11	Recruiter-11@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-12, First-12	Recruiter-12@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-13, First-13	Recruiter-13@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-14, First-14	Recruiter-14@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-15, First-15	Recruiter-15@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-16, First-16	Recruiter-16@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-17, First-17	Recruiter-17@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-18, First-18	Recruiter-18@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-21, First-21	Recruiter-21@gmail.com	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	Last-22, First-22	Recruiter-22@gmail.com	<input checked="" type="checkbox"/>

# Volunteers

• All •
Activity Worker, DD
Department Display, Sp
Speaker

[Email](#)
[Excel Export](#)
[Add Volunteer](#)

Year: 2017

NAME	STATUS	AFFILIATION	ROLES	TIME WINDOWS	EMAIL
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