



# Community

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# What is Community

- Web application's main purpose is to manage and store the communication from a college to companies and the people working for them.



# Tech Stack



express

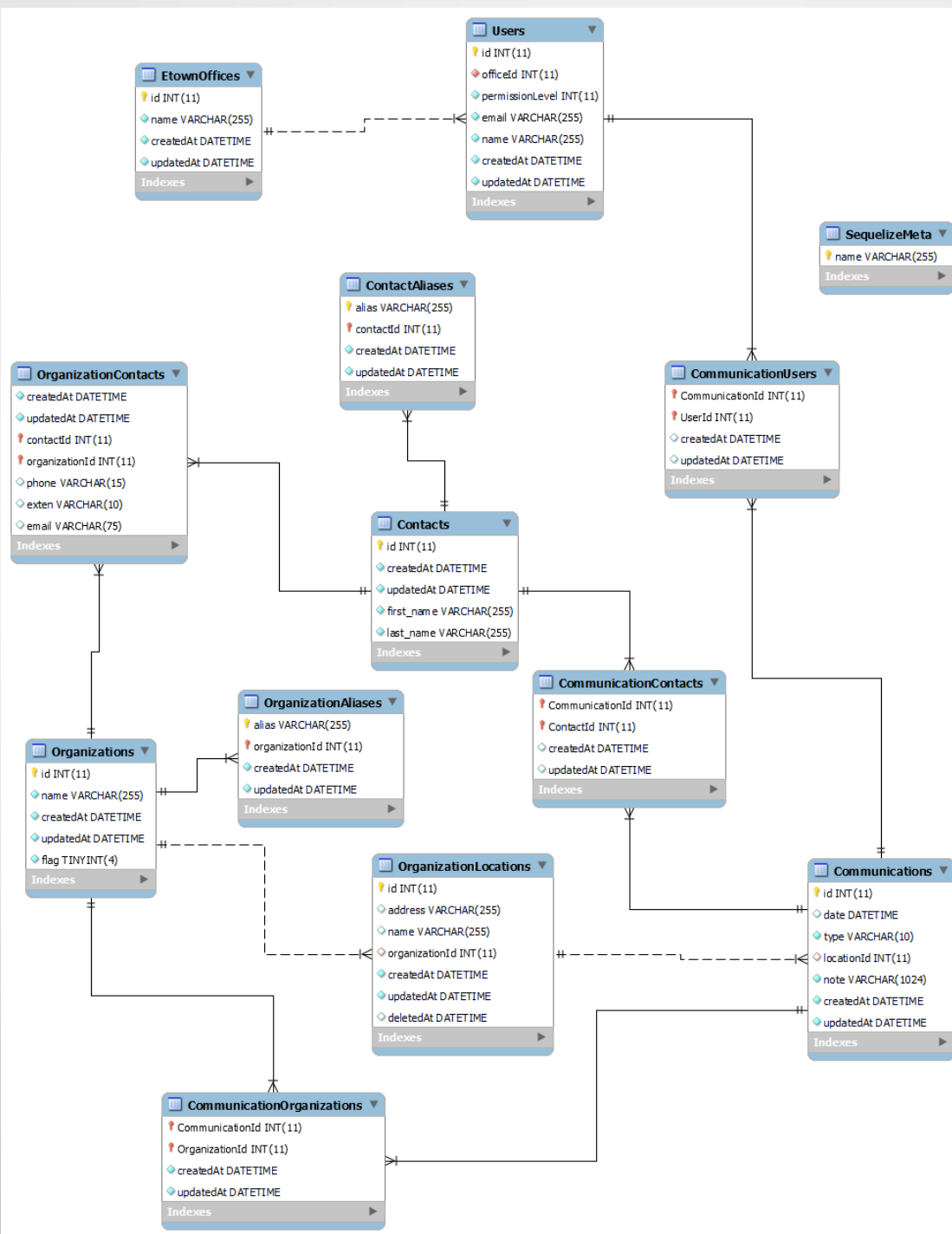


Sequelize



**TS** TypeScript

# ERD



# User Logins - Single Sign On

- Allows a user to access multiple applications with one set of login credentials.
- Simplifies the login process, enhances user experience, and reduces password fatigue.
- Etown already uses SSO for a variety of applications, including:
  - JayWeb
  - Canvas
  - Microsoft 365 (Mail, Word, PPT, etc)
  - ...And much more
- Integrating SSO logins is a key step in evolving the project from a concept to a real, everyday system.

# Admin Portal

- View all users
  - Name
  - Email (etown.edu verification)
  - Office
  - Permission level
- Add users to database
  - Reactive search for offices
- Update users
  - Uses existing user information
- User search
  - Search users based on name, email, office, or permission level

Admin Portal						
Users						
Search...						
Name	Email	Office	Permission Level	Created At	Last Updated	
Ethan Lajeunesse	lajeunesse@etown.edu	Development	4 - Admin	Nov 11, 2023, 5:27:04 PM	Nov 30, 2023, 10:44:03 AM	Delete
Michael Kennedy	kennedym2@etown.edu	Development	4 - Admin	Nov 11, 2023, 5:35:23 PM	Nov 11, 2023, 5:35:23 PM	Delete
Tanner Wetzel	wetzelt@etown.edu	Development	4 - Admin	Nov 11, 2023, 5:36:10 PM	Nov 11, 2023, 5:36:10 PM	Delete
Giovanni A Raso	rasog@etown.edu	Development	4 - Admin	Nov 11, 2023, 5:37:35 PM	Nov 11, 2023, 5:37:35 PM	Delete
Professor Reddig	reddign@etown.edu	Development	4 - Admin	Nov 30, 2023, 10:30:32 PM	Nov 30, 2023, 10:30:32 PM	Delete
James Buck	buckj1@etown.edu	Development	4 - Admin	Dec 2, 2023, 11:16:17 PM	Dec 2, 2023, 11:16:17 PM	Delete

# Permission Levels

- Level 1:
  - Read only permissions
- Level 2:
  - Can create and update organizations, contacts, and communications
- Level 3:
  - Can delete organizations, contacts, and communications
- Level 4:
  - Has access to all level 1-3 permissions and can add, update, and delete users

# Imports

- Flexible import system
- Accepts various file types ( .xlsx, .xls or .csv )
- Template given for accepted data structure
- Organizations, Contacts
- Backend validation to avoid inconsistent data



# Exports

- Export for all available data in .xlsx format
- Export all contacts or specify contacts in an organization
- Export all organizations with last contact and flag level
- Easily restructurable to export whatever columns needed



# Demo

The background features a light gray field filled with numerous interlocking gears of various sizes, creating a complex, mechanical texture. In the bottom-left corner, there is a prominent geometric structure composed of several thick, parallel lines in blue and black, forming a triangular or angular shape that points towards the center.

Questions?