

Full Stack:

- React JS frontend
- Express Node Js backend
- MySQL database

Editor We Used:

- VS Code

Link to Project and SQL database file:

- https://drive.google.com/drive/folders/1ihBtxsgrX_PQFpA055JdftZquZnuTmlP?usp=sharing

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How to Run the Project on your local host (words in blue are commands to type in):


- Download and extract "IT420-Web-Project-main.zip" and open it in VS Code
- **NOTE: Before running the project, see "Change the Code" because you need to input your own credentials for the emailjs account and for the mysql database.**
- In the terminal in VS Code:
 - `cd web-project`
 - `npm start` (In a minute, your browser should open on localhost:3000)
- Open a new terminal in VS Code:
 - `cd backend`
 - `node index.js` (you can open a new tab in your browser and go to localhost:3001)
 - Do Ctrl+C in the terminal
 - `npm run devStart` (allows you to edit while the project is running - just save your code, then refresh your localhost:3001 to update the changes)
- Open MySQL Workbench:
 - Whatever changes you make to the database in the code, you can view what was inserted in your database by doing commands such as:
`use database_name;`
`select * from table_name;`

Change the Code:


- Emailjs:
 - There are two forms on the website that, when submitted by the user, are emailed to startingpointsac@gmail.com through a service called emailjs: <https://www.emailjs.com/>
 - You must:
 - 1) Create an emailjs account
 - 2) Add the gmail service
 - 3) Create two email templates, one for each form


and edit


- 4) In the code, go to DonateEmail.js and VolunteerEmail.js and change the parameters on line 11 in each file to your credentials- which can be found on your emails account and on the templates you create.


 EmailJS


QUOTA REMAINING: 186 EMAILS


 Email Services


 Email Templates


 Contacts

 Email History

 Events


 Statistics

 Account

 Personal Settings

Email Services

Add New Service



Gmail


Service ID: `service_gnz4xwm`

DEFAULT

 Email Services

 Email Templates

 Contacts

 Email History

Events

 Statistics Account Personal Settings

Email Templates

 Create New Template



SPW Volunteer

Template ID: ~~XXXXXXXXXX~~



SPW Donate

Template ID: ~~CONFIDENTIAL~~

SPW Volunteer

 Playground **Test It**

Save

Content

Auto-Reply

Attachments

Contacts

Settings

Subject ^{*}

Volunteer Offer From {{fname}}!

Content *

B *I* U ~~S~~ sans-serif 12pt **A** I_x

Hello Vickee,

You got a new message from {{fname}}:

First name: {{fname}}

Last name: {{lname}}

Email: {{sender_email}}

Phone: {{phone}}

Message: {{message}}

To Email 

startingpointsac@gmail.com

From Name

`{{fname}}`

From Email *

☒ Use Default Email Address

Reply To

{{sender_email}}

Bcc

Cc

SPW Volunteer

[Playground](#)[Test It](#)

Content Auto-Reply Attachments Contacts Settings

☒ Enable Auto-Reply Form

① Enable auto-reply to automatically send a reply to the user who submitted the email request.
NOTE: this will consume additional email quota.

Subject *

Volunteer Submission

Content *

B *I* U ~~S~~ sans-serif 12pt **A**  *Ix*          

Hello {{fname}},

Thank you for helping out with Starting Point World!

We will reach out to you shortly!

To Email *

{{sender_email}}

From Name

StartingPointWorld

From Email *

☒ Use Default Email Address ?

Reply To

SPW Donate

[Playground](#)[Test It](#)[Save](#)

Content Auto-Reply Attachments Contacts Settings

Subject *

Donation Submission {{fname}}

Content *

B *I* U ~~S~~ sans-serif 12pt **A**  *Ix*          

Hello Vickee,

You got a new message from {{fname}}:

Email: {{sender_email}}

Phone: {{phone}}

Message: {{message}}

To Email *

startingpointsac@gmail.com

From Name

{{fname}}

From Email *

☒ Use Default Email Address ?

Reply To

{{reply_to}}

Bcc

Connection Name: **SPW Database Connect**

Connection Remote Management System Profile

Connection Method: **Standard (TCP/IP)** Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: **demalgeri.cikeys.com** Port: **3306** Name or IP address of the server host - and TCP/IP port.

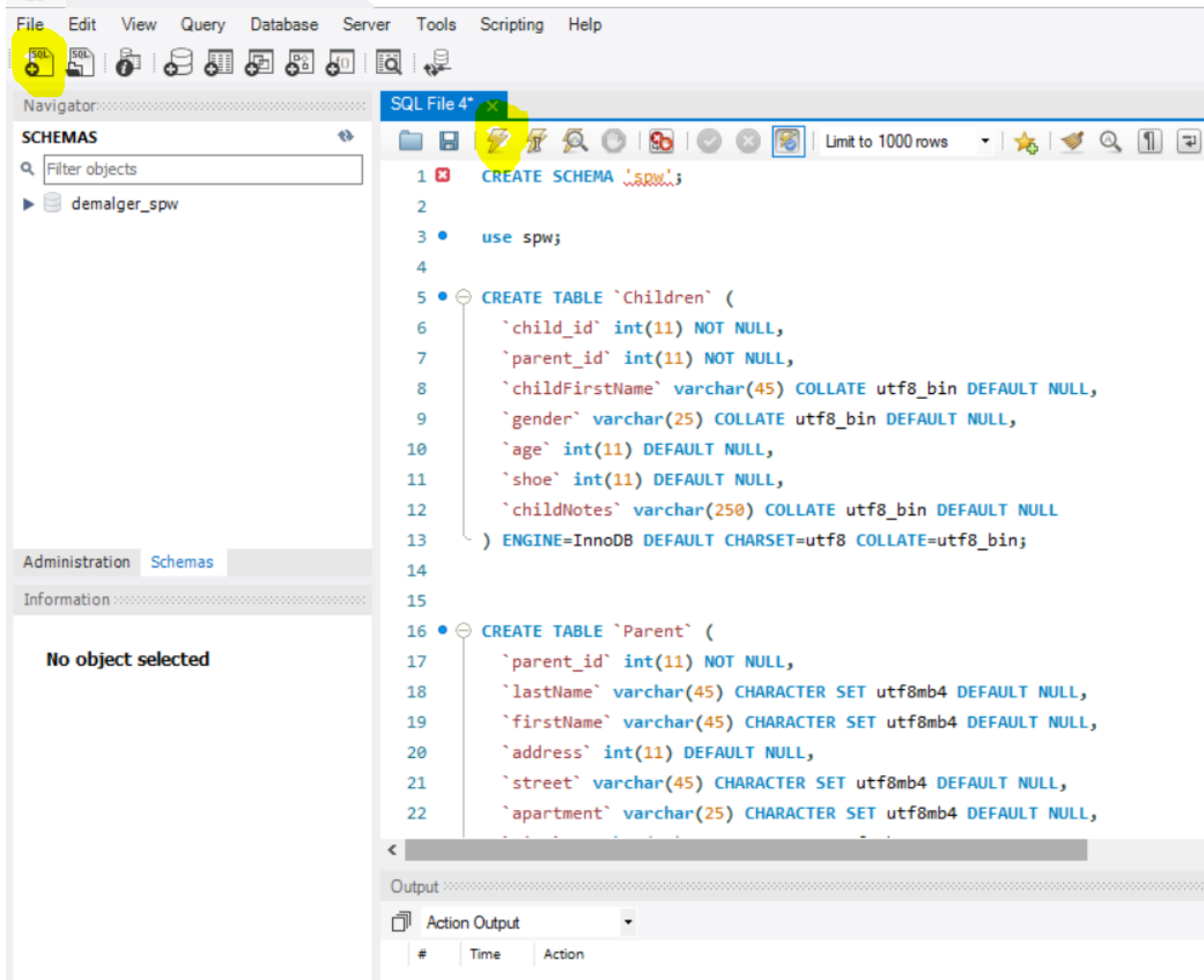
Username: **demalger_spw_user** Name of the user to connect with.

Password: **Store in Vault ...** Clear The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

Duplicate Move Up Move Down Test Connection Close

- In the index.js file in the backend folder of the code, you need to change the database credentials on lines 18-21 based on where you host the database, what your username and password is, and what you call the database.
- To create the database, open a “Query” tab, and paste the “spw.sql” script (shared in the google drive folder) and then click the yellow lightning bolt!



- Helpful sql command for development (see document called “SQL Commands” in the share google drive folder linked above)