

Student Survey Application

Team Members:

1. Ysaswini Vedula-G01414327
2. Anusha Jagadish -G01394233
3. Akshita Srikanth- G01393896
4. Nikitha Reddy Mukkala-G01411755
5. Akhila Gopalakrishna Penukonda -G01353181

Description:

We built this application with React, Node.js, npm, Spring Boot, and the MySQL database, and we implemented CRUD operations. This application's Welcome-page includes two buttons which redirect to the respective pages: survey Form and list all surveys. where user can fill complete and submit the form. By clicking on the list all surveys button, we will be sent to a page where we can view a list of all surveys submitted by users, as well as update and delete buttons next to each record; once the user clicks on the update/delete button, he will be able to update or delete that specific record.

Technologies:

- React
- Node.js
- npm
- Spring Boot

IDE:

- Visual Studio Code
- MySQL server/ work bench

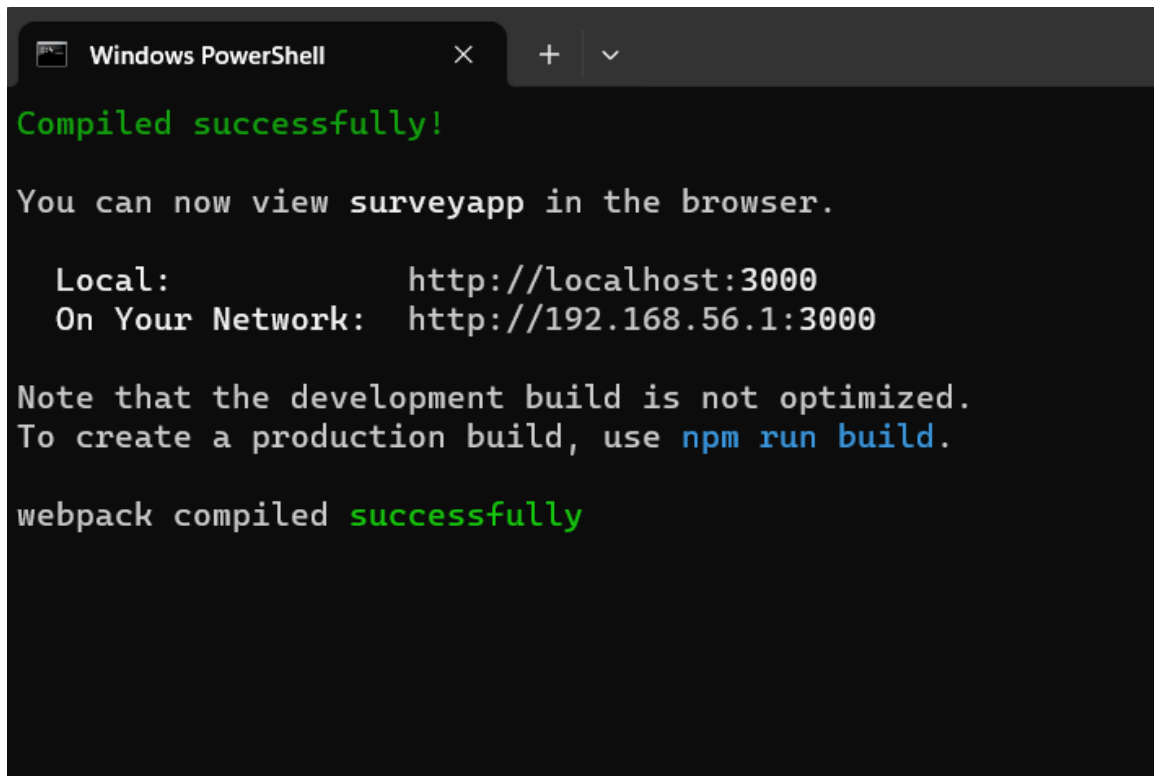
Execution Steps:

1. Install Node.js and npm
2. Installed IDE (Visual Studio Code) and downloaded extension for spring boot and React.
3. In the command prompt, used “npx create-react-app my-react-app” to create a new React project, and created components in src with .js extensions.

4. In vscode, opened the React project generated in the previous step to design the frontend.
5. Designed the backend code spring web, spring data jpa and MySQL jdbc driver dependencies.
6. After starting spring boot application, you can access this using this url <http://localhost:8080>.
7. started the React Application using command “npm start” and navigate to the link to view the application <http://localhost:3000>.

Screenshots:

Starting React Application:



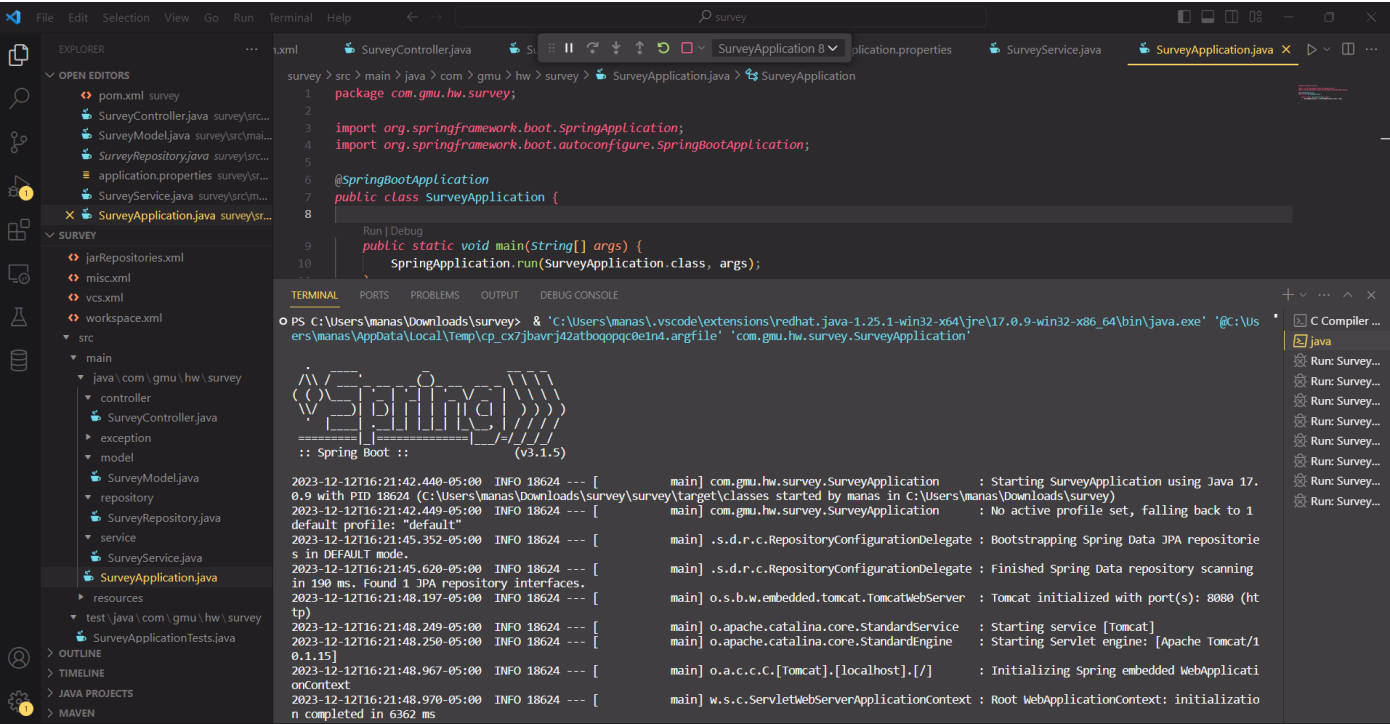
```
Windows PowerShell  X + v
Compiled successfully!
You can now view surveyapp in the browser.

Local:      http://localhost:3000
On Your Network:  http://192.168.56.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

Running of Backend:



Welcome-Page:



Hi, Welcome!

Welcome to SWE 642 Assignment 4. You can redirect to surveyForm and List of all surveys by using below buttons.

Project Members:

Yasaswini

Akhila

Anusha

Akshitha

Nikihila

[Go to Survey Form](#)

[Go to Survey List](#)

Survey Form Page:

React App

localhost:3000/surveyform

Survey Form

First Name|madhuri|

Last Name|vedula|

streetAddress|4313 Ramona Dr|

city|Fairfax|

state|VA|

zip|22030|

telephoneNumber|4709308117|

email|vipinreddy01@gmail.com|

dateOfSurvey|12/20/2023|

What did you like most about the campus?

☐ Sports

☒ Location

☒ campus

☐ Atmosphere

☐ Dorm Rooms

How Became Interested *

friends ☒

television ☐

internet ☐

other ☐

Likelihood of recommending this school|Unlikely|

additionalComments|Hi madhu||

Submit

Survey Form Page showing Thankyou Message:

React App

localhost:3000/surveyform

Survey Form

First Name| |

Last Name| |

streetAddress| |

city| |

state| |

zip| |

telephoneNumber| |

email| |

dateOfSurvey|12/20/2023|

What did you like most about the campus?

☐ Sports

☐ Location

☐ campus

☐ Atmosphere

☐ Dorm Rooms

How Became Interested *

friends ☒

television ☐

internet ☐

other ☐

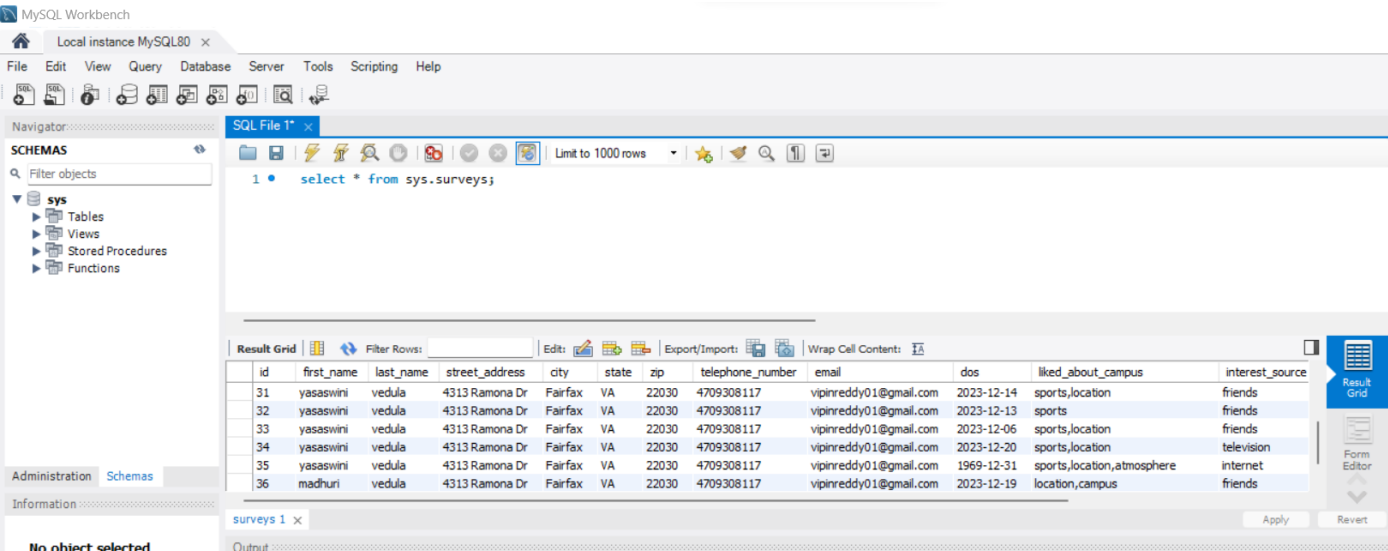
Likelihood of recommending this school|Unlikely|

additionalComments| |

Thanks for your submission!

Submit

SQL Workbench:



Survey List:

First Name	Last Name	City	Street Address	State	Zip	Address	Telephone	Email	Date of Survey	Liked	Source	Comments	Likelihood
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-12T05:00:00.000+00:00				<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		false		<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-21T05:00:00.000+00:00		interestSource1		<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-18T05:00:00.000+00:00		friends	bnm	Unlikely <button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends		<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends	vb	<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-14T05:00:00.000+00:00		friends	sdf	Unlikely <button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends	xscv	<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-06T05:00:00.000+00:00		friends	ghnjm	<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-20T05:00:00.000+00:00		television	dcbv	Unlikely <button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	1969-12-31T05:00:00.000+00:00		internet	fg	Likely <button>Update</button> <button>Delete</button>
madhuri	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-19T05:00:00.000+00:00		friends	Hi madhu	Unlikely <button>Update</button> <button>Delete</button>

After Deletion:

First Name	Last Name	City	Street Address	State	Zip	Address	Telephone	Email	Date of Survey	Liked	Source	Comments	Likelihood
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends		<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends	vb	<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-14T05:00:00.000+00:00		friends	sdf	Unlikely <button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-06T05:00:00.000+00:00		friends	xscv	<button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-20T05:00:00.000+00:00		television	dcbv	Unlikely <button>Update</button> <button>Delete</button>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	1969-12-31T05:00:00.000+00:00		internet	fg	Likely <button>Update</button> <button>Delete</button>
madhuri	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-19T05:00:00.000+00:00		friends	Hi madhu	Unlikely <button>Update</button> <button>Delete</button>

Updating form data fetching and changed some values for updating :

localhost:3000/update/36

First Name

madhuri

Last Name

vedula

streetAddress

4313 Ramona Dr

city

Fairfax

state

VA

zip

22030

telephoneNumber

4709308117

email

vipinreddy01@gmail.com

dateOfSurvey

12/19/2023

☐ Sports

☒ Location

☒ campus

☐ Atmosphere

☐ Dorm Rooms

How Became Interested *

friends ☐

television ☐

internet ☒

other ☐

Likelihood of recommending this school

Unlikely

additionalComments

Hey madhu hi how are you

Submit

After updating:

First Name	Last Name	City	Street Address	State	Zip	Address	Telephone	Email	Date of Survey	Liked	Source	Comments	Likelihood
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends		<div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends	vb	<div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-14T05:00:00.000+00:00		friends	sdf	Unlikely <div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-13T05:00:00.000+00:00		friends	xscv	<div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-06T05:00:00.000+00:00		friends	ghnjm	<div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-20T05:00:00.000+00:00		television	dcvb	Unlikely <div>UpdateDelete</div>
yasaswini	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	1969-12-31T05:00:00.000+00:00		internet	fg	Likely <div>UpdateDelete</div>
madhuri	vedula	Fairfax	4313 Ramona Dr	VA	22030		4709308117	vipinreddy01@gmail.com	2023-12-18T05:00:00.000+00:00		internet	Hey madhu hi how are you	Unlikely <div>UpdateDelete</div>

