

Employee Database

Mohamed Abdi
@warfahas on GitHub

Description

The app will allow the user to store information about employees and their skills. The user will be able to manipulate that information. The user can update or delete information. It will be user-friendly and provide error messages when the user enters incorrect data. It will allow the user to communicate with employees using Short Message Service (SMS).



Features

- User will be able to create an account, and log in to the app
- User will be able to create, retrieve, update, and delete information related to an employee or skill
- User will be able to send a text message using Twilio API



Planning - User Stories

- User will be able to create an account, and log in to the app
- User can view a list of employees and skills
- User can add, update or delete an employee
- User can view an employee's skills
- User can communicate with employees through the app



Planning - Database

- An employee table that saves names and emails
- A skill table that saves names and descriptions
- A user table that saves usernames, emails and passwords
- Employees and skills are joined in a many-to-many relationship



Technology Stack

- Java 8
- Spring Boot
- Thymeleaf
- MySQL
- Bootstrap



Demo



What I Learned

- I learned how to connect to the Twilio API, which allows the user to send text messages
- I have learned how to retrieve data from the database in ascending or descending order
- I have learned about the difference between CSS and Bootstrap



What's Next

- Add a search feature to my app.
- Add Spring Security
- Deploy the app

