Database

Stores Tasks and User Data

Frontend(web client)

Web Interface
(HTML/CSS/JS)

Notification Service

Sends Tasks Reminders

Authenticate User action

Send Tasks requests

Backend API (Spring Boot REST API)

UserAuth

register()
logout()
login()

Authentication Dependency

TaskController

delete Task()
updateTask()
creatTsk()

User for storing

Trigger for reminders

DatabaseConnector

saveTask()
getTaskbyId()
deleteTask()

NotificationService

sendReminder()

Component diagram for Task Managment system - Backend API