Database

Stores Tasks and User Data

Frontend(web client)

Web Interface
(HTML/CSS/JS)

Notification Service

Sends Tasks Reminders

Backend API (Flask API)

Authenticate User action

Send Tasks requests

UserAuth

register()
logout()
login()

Authentication Dependency

TaskController

delete Task()
updateTask()
creatTsk()

Trigger for reminders

User for storing

DatabaseConnector

saveTask()
getTaskbyId()
deleteTask()

NotificationService

sendReminder()

Component diagram for Task Managment system - Backend API