

# StudentBridges

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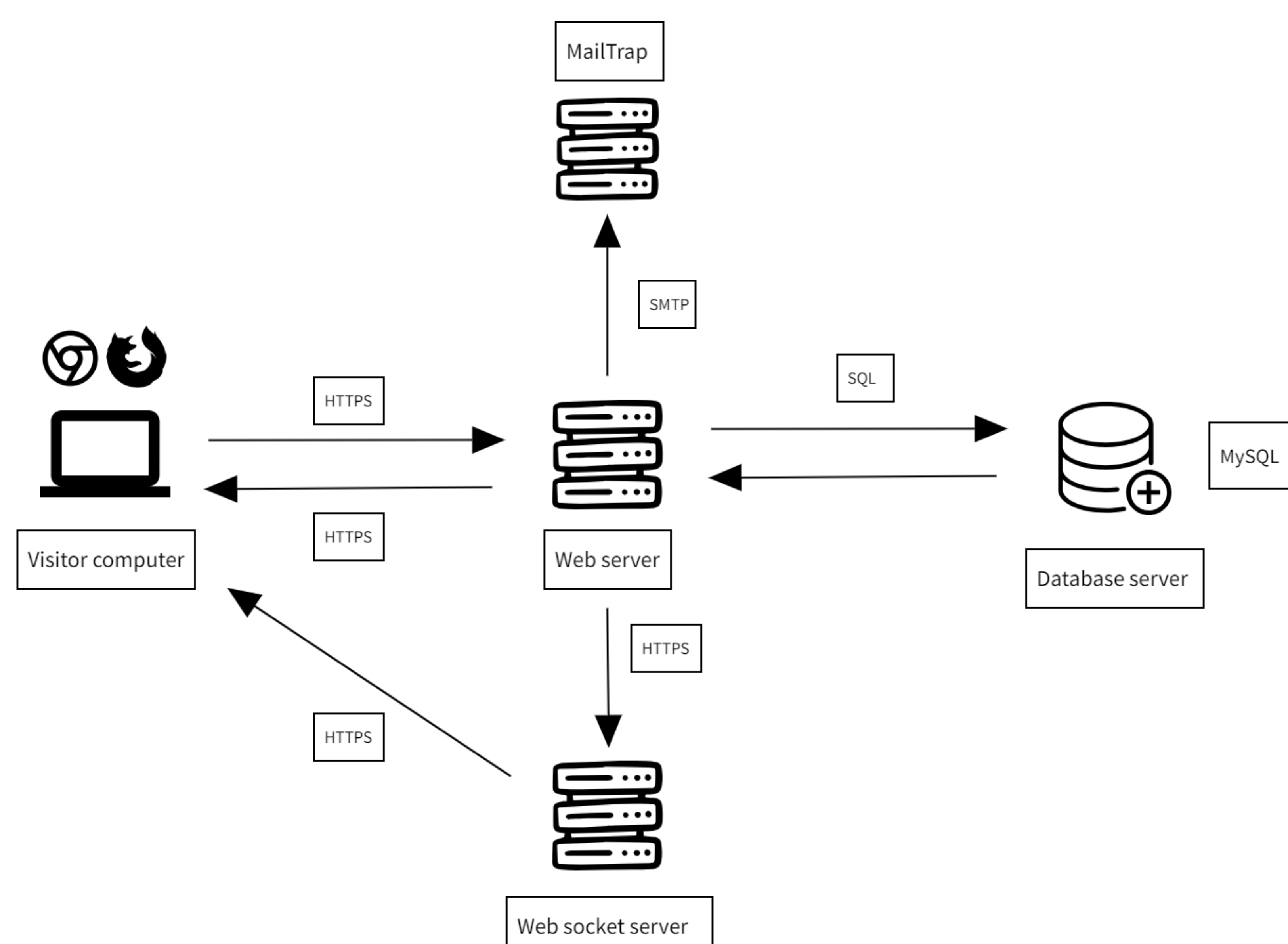
## Abstract

This project is about uniting students by providing an easier messaging platform that can be incorporated with Toledo. It prevents the problem of messaging others on various different platforms like Messenger, WhatsApp, Discord or even email. This project will unify all of those platforms without the need of creating additional accounts or install extra software.

## Users & Features

This application is designed for KU Leuven students and teachers. It offers instant messaging to any KU Leuven account, displays course schedules, and provides student feedback on courses as well as the possibility to enrol or disenroll for certain courses. Access requires an email and r-number for students, and a u-number for teachers. This ensures a secure and personalised experience.

## Web Application Design



## Challenges

- Incorporating messaging with SQL, which is a relational database and is not optimal for messaging.
- Setting up a firewall and sending emails
- The setup of a self-built WebSocket server