Decreased Productivity due to noisy open workspaces? We have the solution!

33%

of employees in open office spaces feel distractions and noise hinder their productivity, while 1 in 6 say it hinders creativity as well.

*Forbes, 2019

Project case

Dynamic educational buildings often face the challenge that they are a great workspace for one student and not at all for another. An important reason for this is the sound. It is a challenge to ensure that the noise levels in these buildings are acceptable without compromising the dynamics of open workspaces
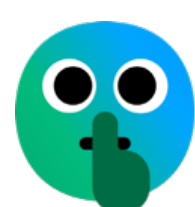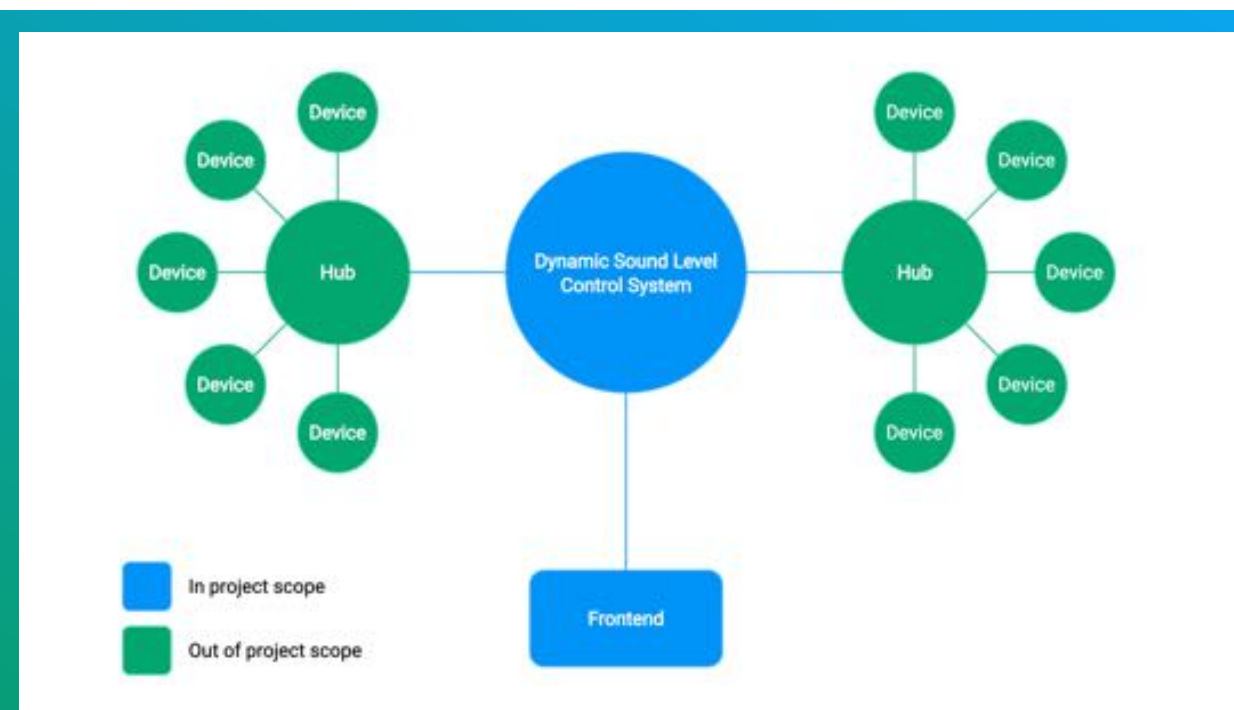
Our solution

Using a mesh of IoT listening devices we will map the current noise levels in buildings. Allowing our users to mark zones for quiet working. Our system can then intervene when there is too much noise in a certain zone.

Deliverables

Our goal for this semester is creating a fully functional backend and a completely reworked frontend. So that future groups can create new hardware that integrates with our platform.

Dynamic Sound Level Control
An Open-Learning project by Rens and Patrick