

Thesis Topic

Avoid crowd in public transportation

Degree level

Bachelor

Company

TietoEvry

Description

Solution to minimize crowded buses or trains

The ongoing pandemic has created awareness to avoid crowds on buses and trains.

Passengers, especially now during the pandemic, should be able to avoid travelling on crowded buses or trains. For that purpose there is a need to create a technical solution to monitor the amount of passengers in public transportation – and to visualize that to enable passengers to choose alternate buses or trains.

The solution needs to be accurate i.e. using IR-sensors and similar are likely to inaccurate and can easily present flawed data. Most likely a MVP need to use face recognition to enable 100% accuracy. Still, taking into account the amount of e.g. buses sets a clear limit to the cost for such a solution. And the anonymity for the individual must be safeguarded.

The information shall be possible to use for display in live timetables and displays at bus stops.

Objectives

The project includes

- Objective 1
- Objective 2
- ...

Requirements

Requirements. Can be courses or skills.

Contact Person

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