

# A breath of fresh air: towards optimal Indoor Air Quality (IAQ)

Investigating intervention strategies for enhancing occupants perception, comfort and health

Milestone 2 - Literature review, Submitted on: 22-03-2024

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## ABSTRACT

This milestone provides a comprehensive literature review for all the topics related to the thesis and answers parts of the main and sub-research questions based on the guidelines of the related work section of the Master Thesis and describes the method and tools used for coming up with search queries. The first part of this document gives a bit of background, a summary of the thesis design, the thesis research, and states the research questions and problem statement.

## KEYWORDS

Human-Building interaction, Indoor air quality, Persuasive technology, Living lab, Smart buildings, User-centered design.

## METADATA

**Literature review** for the fulfillment of the *Master Thesis* for the Master Information Studies: *Information Systems (IS)*.

**Institute:** Informatics Institute

**Faculty:** Faculty of Science (FNWI)

**Research Group:** Digital Interactions Lab (DIL)

**Supervisor(s):** Dr. Hamed Seied Alavi PhD

**Supervisor(s):** Shruti Rao Ph.D. Candidate

## 1 INTRODUCTION

### 1.1 Research questions

## 2 RELATED WORK

## 3 SEARCH QUERIES

Used catalogueplus to define queries. Also looked at the references of key papers provided by supervisor.

## 4 METHODS

Used Zotero for gathering papers and used the sorting and labelling features to assign topics to them. Zotero integrates with the beta of Research Rabbit which creates a knowledge graph of papers in your zotero document. It cross-references and also looks for multiple referenced papers

## REFERENCES