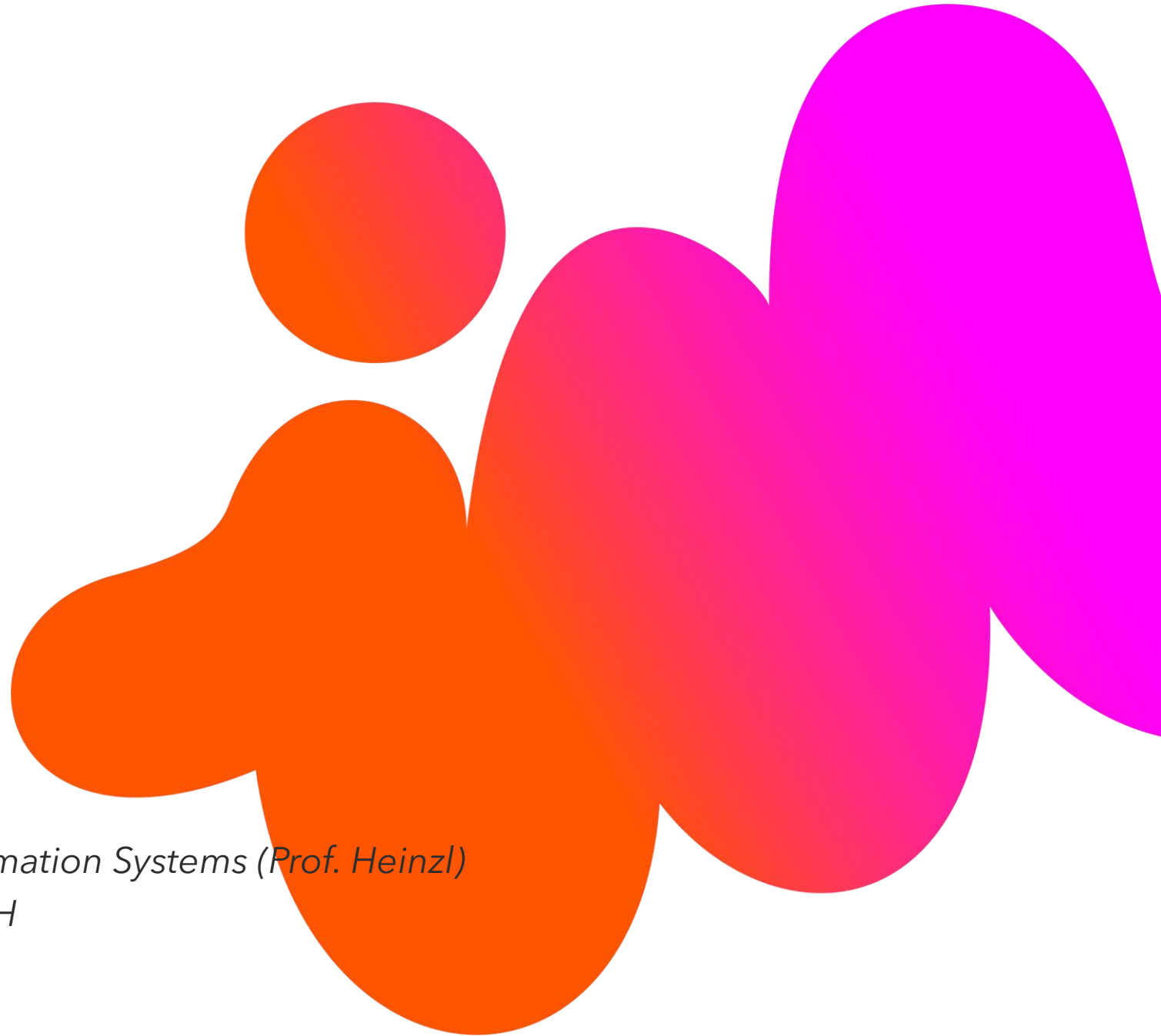


# Knowledge Management and Sharing for Improved Employee Networking

*Master Team Project*

*Chair of General Management and Information Systems (Prof. Heinzl)*

*in Cooperation with INFOMOTION GmbH*



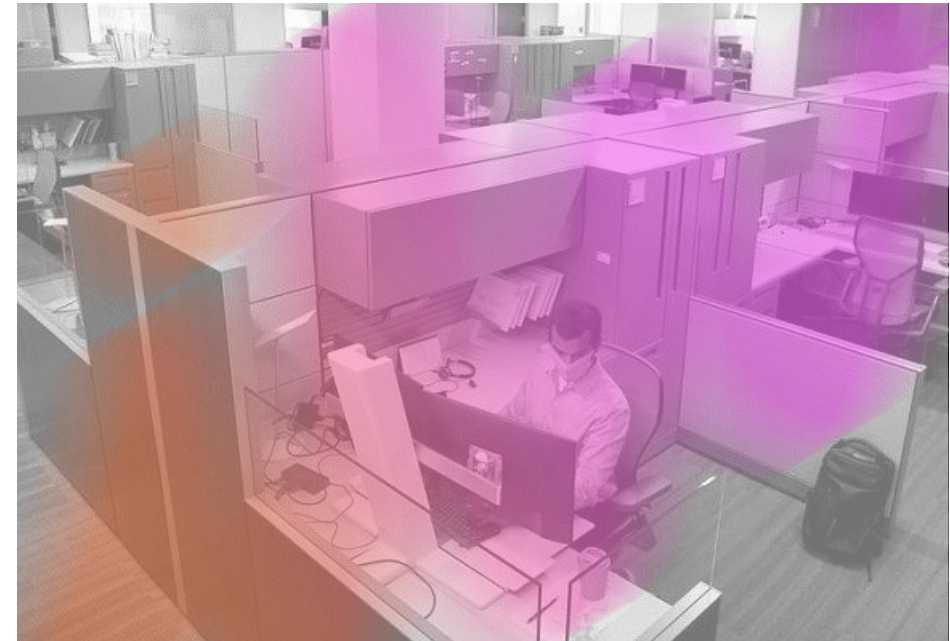
# Motivation

**Knowledge sharing and social exchange is an essential part of any successful company as it drives innovation and progress**



# Motivation

**The pandemic led to more remote work and studies show that this new way of working will remain in most companies**



# Motivation

Despite technical resources, like video communication tools, the knowledge and social exchange, especially across the own team boundaries, is difficult



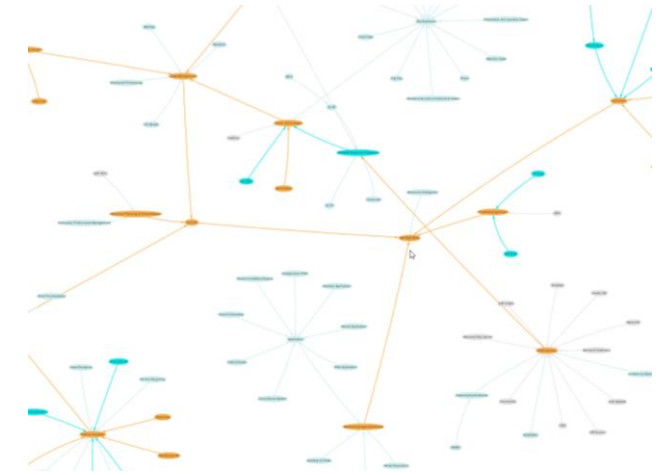
**Organizations must bring people and knowledge back together to foster knowledge and social exchange**





# Goals of this Project

**Develop an application that allows to enter and visualize any information about an organization to foster employee networking**



## Web application

e.g., Spring Boot / Angular / MySQL

## Generic Data Structure

Type and content of provided information must be dynamically configurable (e. g., Customers, Projects, Employees, Technologies etc.)

## Visualization and Searchability

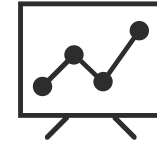
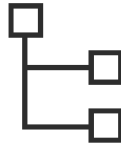
Data should be properly visualized and be filterable and searchable (free text and structured)

## Data Analytics

Apply data analytics techniques to infer new information (well-known topics in the organization, weaknesses etc.)



# Overview of the expected tasks



## Analysis

- Research on existing systems
- Analysis and specification of requirements
- Draft of the overall architecture
- Set up the development environment
- Agree on agile development plan (Sprint length, roles etc.)

## Vision

- Definition of the final architecture
- Specify final requirements and prioritize them for agile development
- Distribute tasks and responsibilities for different areas (e.g., frontend, backend, database, interfaces, testing, documentation, etc.)

## Implementation

- Agile development in sprints
- Conduct meetings (Daily, Review, Retro etc.)

## Presentation

- Present the results
- Handover of developed artifacts
- Finalization and handover of the documentation



# INFOMOTION

## The Data Performance Company

Strategy & Solutions  
for Data and Analytics



10 Offices  
DACH Region



19 Years of Growth



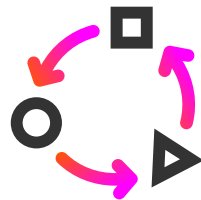
Employees

550+

Customers from all  
Industries

350+

Full Service-Provider



Strong Cooperations



Digital Innovation Lab



# Contact us

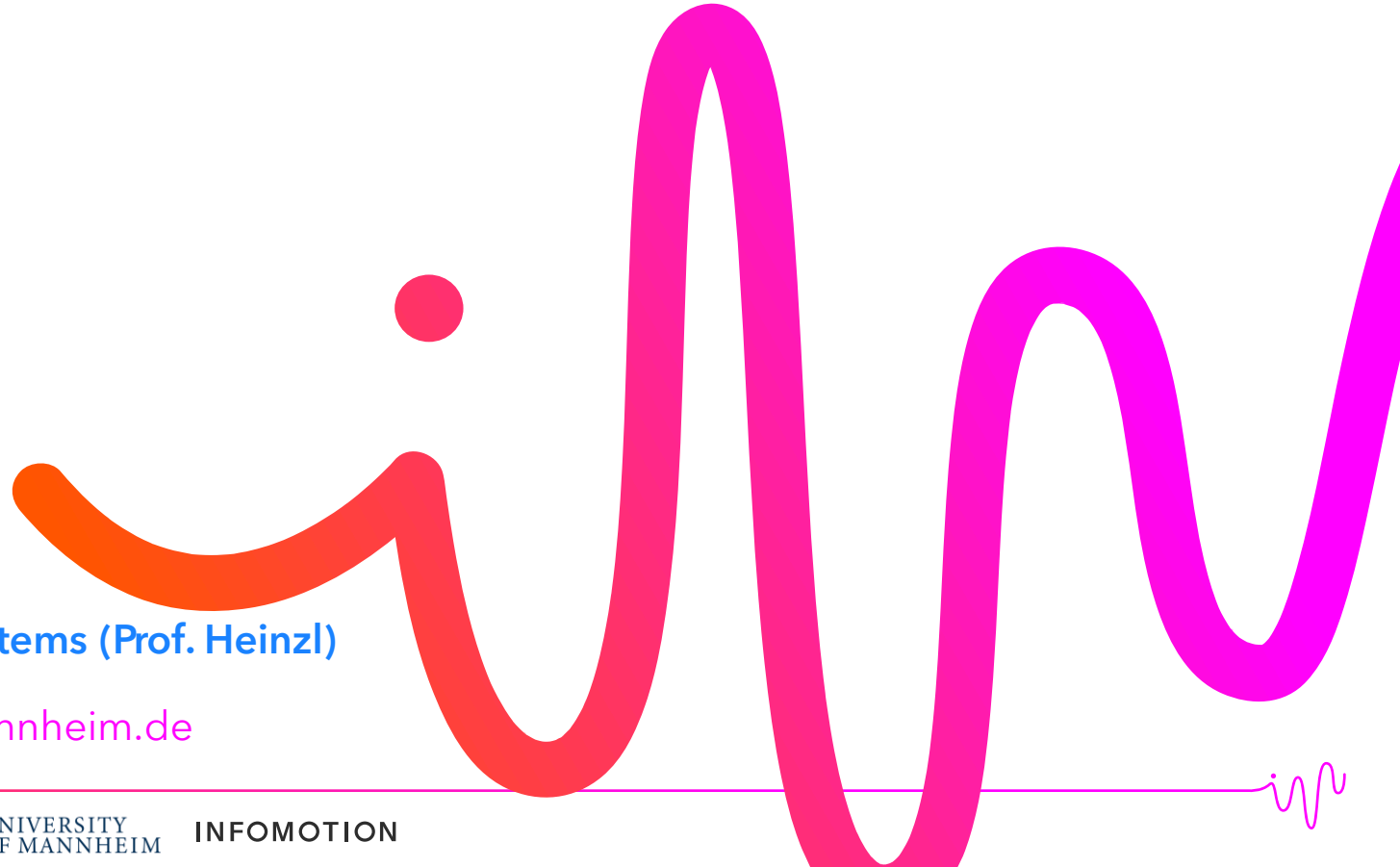


**Dr. Okan Aydingül**

INFOMOTION GmbH

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# Research assistant wanted (m/f/d)

The Chair of General Management and Information Systems (Prof. Heinzl) is currently hiring multiple student assistants for different positions

## Application development in the healthcare context

- (Further) development of desktop, mobile & web applications.
- Ideally knowledge of NodeJS, PHP or Python.
- Working at the intersection of technology, science and medicine
- 5-10 hrs/week; flexible working hours (remote & at L15 close to the main station)

**Contact:** Luis Oberste (oberste@uni-mannheim.de)



**Research project** on patient-centered and time-optimized infrastructure for innovative tumor therapies using molecular intervention

**One-Stop Shop** from patient admission to diagnostics to the final therapy measure and discharge

[www.m2olie.de](http://www.m2olie.de)