

# Project overview

- [Background](#)
- [The vision](#)
- [Current situation](#)
- [Project challenges](#)
- [Existing functionalities](#)
- [New functionalities](#)
- [Non-functional requirements](#)

## Background

The large energy company decided to build an application, that will increase employee productivity and internal communication. The company has more than 3000 employees, that are distributed between tens of departments and several offices. The pandemic highlighted the need for an up to date, cross-device solution for reaching the entire organization. In the increasingly hybrid world, employees need to be empowered to make decisions and communicate openly with peers.

## The vision

The company decided to build an application that will allow employees to:

1. Have visibility over the company structure with an up to date organization chart
2. Build stronger connections with colleagues by having easy access to their interests, experience, skills and more
3. Be more productive by enabling them to quickly browse through facility and meeting room availability and office locations
4. Collaborate efficiently by creating custom contact lists for projects, events, social activities
5. Create and update their user status, such as sick leave, vacation, maternity leave

## Current situation

The project was executed a year ago and so far the development team managed to build and publish some functionalities (such as showing all company departments, users and relations between them).

Unfortunately, those functionalities are documented very poorly which makes it hard to develop the application further. At the same time business clearly requires new functionalities, that will help to increase the productivity of employees.

## Project challenges

- Discover existing functionalities and improve testing documentation.
- Develop new functionalities to the system that will extend system capabilities.

## Existing functionalities

1. Login as regular employee or as administrator
2. User profile page where employee can edit information that later will be shared with other employees.
3. Directory module:
  - a. Possibility to see all employees of the company.
  - b. Possibility to filter employees by departments, countries, skills and other parameters.
  - c. Ability to see detailed information about every user.
  - d. Ability to see contact information of every user.

4. Log out functionality to end user session

## New functionalities

1. New employee self-registration process
2. Password recovery functionality
3. Department module
  - a. Possibility to see all departments of the company
  - b. Possibility to see all manager of the department
  - c. Possibility to filter departments by offices and parent departments
4. Events module
  - a. Possibility to add events happening in the company
  - b. Possibility for all employees to see all upcoming events and their details
  - c. Ability to bookmark events
5. User list module(optional with low priority)
  - a. Possibility to see all user lists of the company
  - b. Possibility to join the user list
  - c. Possibility to organise a new public or private user list

## Non-functional requirements

- Supported browsers: Google Chrome and Mozilla Firefox, Google Chrome on Android, Safari on iOS.
- Supported devices: Desktop, Mobile browsers