

Project Proposal – Well-being questionnaire and reporting app

1. Introduction

Questionnaires are a commonly used way of monitoring employees' well-being. In order to be able to keep track of the situation at the workplace, managers need a system for conducting the questionnaire process both efficiently and effectively. The idea is to develop an application that can be used for filling the question forms as well as comparing individuals' results to the average of the workplace. The application will produce reports to managers and the individuals will be able to see their answers in relation to the workplace average. After completing the questionnaire, the individual will be able to choose whether managers are allowed to see their identifiable answers based on consent. If consent is not given, the results are only included as aggregated and anonymized data in the workplace dataset.

2. Project goals

The goal is to develop a web application that can be used for the questionnaire process. This includes collecting the answers with a given form and storing them in a database. Separate user roles are required for the manager and the employee; the UI will be designed according to the requirements of these two roles. Visualization of the results using a tool such as PowerBI is also part of this project.

3. Technologies

- A programming language that is suitable for this project (eg. Python, Java)
- Azure database service (access offered by CGI)
- PowerBI for reporting (also other similar tools are allowed according to the students' preference)

4. Requirements for the students

- Experience in developing web applications
- Experience with Azure is a benefit
- Experience with visualization of data using tools such as PowerBI

5. Legal Issues

Intellectual Property Rights (IPR): The client gets all IPRs to the results

Confidentiality: Signing NDA is required

6. Client

CGI is a global IT consulting company operating in Finland under the subsidiary CGI Suomi Oy. In Finland, CGI provides its consulting, systems integration and outsourcing services to clients operating in sectors such as banking, pension, and welfare. This project will be conducted for the Banking & Pension business unit, and its results will be utilized in solutions offered to our customers in the pension sector.

Client representative(s)

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