The goal of this task is to test the knowledge of the candidate and his ability to tackle problems with coding and developing an application.

The time that the task should be completed will be determined on the basis of the candidate’s level.

**AIM:**

The candidate should develop a small single page application that displays information on several employees. The information will be gathered from the provided Excel file, and will be displayed in the form of a table on a webpage (the same structure as it is in the Excel file). The candidate should have a script to parse the data from the Excel file and store it in the database. The information displayed in the web page should be extracted from the database and rendered via Jinja2 (internal Django frontend tool). Styles will not be taken into consideration, but adding them will be beneficial for the final review of the task.

**Technologies:**

Python v3.\*

Django v2.\*

MySQL / SQLite

Any third party application that may help with visualization of the table on to a webpage

**Parameters:**

The application should have at least one GET, one POST, and one PUT request.

The table should be stored in the database as a model. All columns should be included with their respective definition (Choice field, Char field, Integer field, etc.)

There should be test coverage of the model (saving and updating values), existing requests and their response.

A detailed explanation of how the application should be started. (README)

The code will be checked for any good or bad practices that are followed.