System Integration 2022 Assignment 2: Mini Project 1: WS and SOA

<u>Objective</u>: Practicing the implementation of Web Services and Service-Oriented Architecture.

<u>Status</u>:   Programming project, group work (2-4 students in a group).

<u>Grading</u>:   Up to (15 SP) for the development + (5 SP) for providing peer-grading/self-grading.

<u>Project delivery</u>: Peergrade

<u>Task</u>:

Imagine you work for a large international company that will hold an online GA (general assembly) meeting next month, which all company's stakeholders are welcome to attend.

Each participant needs to receive a written invitation with a copy of the yearly report attached to it.

The invitation starts with the text: "Dear <title> <name>," and then continues with the facts about the meeting.

The <title> is one of the following:

-   "Mr." – for male recipients

-   "Ms." – for female recipients

-   blank – for receivers with unknown gender.

Your dev team is responsible for automatically generating the content of the invitation mail.

As an input data you receive a list of names, mail and IP addresses, as well as the copy of the message body and the attached document (dummy data).

You are missing the gender information, which you have to extract from the available sources, by help of public web services.

Your solution must involve at least one SOAP and one REST services.

<u>Note</u>: Be aware that a name's gender may differ in different countries, e.g. Kim and Andrea can be male names one place, female names another place, or unisex names at still other place.

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Enjoy your work!

the instructor

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