
Vizualisation of International Help Data - Team Leader

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The main goal of the project was to create a visualization of the gathered data from UNDP and World Bank. The application should allow comparison of donations from these two organizations for different countries.

As the chosen team leader, my first task was to initialize the project on GitHub repository and update the wiki pages throughout the semester. I have also been responsible for the organization of the team and fulfillment of requirements before every deadline

My additional role has been Backend Developer (C#). Together with another team colleague I have implemented the extraction of all the necessary data from World Bank and UNDP XMLs - for each transaction made, I had to parse the date, value and alphabetical code of the receiving country and add it into the xml file which contained data about all countries (provided by my colleague).

The process described above is accessible from the backend app, which has a button "Extract XML data". Using this button also transforms the finalOutput XML file into json format, which is needed for the Frontend web application.