Student Management Application , ACE UCv 2022 , Practice Stage

Description about application:

This is a GUI application that will read data from 3 xml (*.xml) files and generate a report for specified discipline with save in a xml (. xml) file.

Inputs for application:

The application receives 3 xml (.*xml) files.

How to run:

1. After application started , user should be able to import three xml files where the content of that files will be displayed into a table view into GUI.

Catalog Studenti — □ ✕

Student.xml

Id	Nume	Prenume	Sex	Telefon	
1	dinkar	kad	Male	0374826...	
2	Vaneet	Gupta	Female	0375628...	
3	jasvir	singn	Male	0735491...	
4	Draghici	Andreea	Female	0735555...	
5	Paleta	Petrom	Female	0732222...	

Materie.xml

Id	Denumire	Profesor	An	Semestru	
1	Romana	Profesor1	I	1	
2	Engleza	Profesor2	I	2	
3	Matemati...	Profesor3	II	1	
4	Informati...	Profesor4	IV	2	

Nota.xml

Nume	Prenume	Materie	Nota
dinkar	kad	Matematica	10.0
Vaneet	Gupta	Matematica	8.0
jasvir	singn	Matematica	10.0

Generate to XML

2. After the 3 files have been imported into the GUI, the user can see their content, based on this information, the user can generate a report for specified discipline when the students are alphabetically sorted.

Outputs for application:

The report will be generated into a xml (.*xml) file.

Abbreviations:

Syntax	Description
GUI	**G**raphical **U**ser **I**nterface
XML	**Ex**tensible **M**arkup **L**anguage

History:

Version 1.0.0 - Initial Version