

✓ TASK 3 - Development History

Task 1

Date: 17/03/2023

Contribution:

Group Member 1:

- Reviewed the assignment specifications and began examining the data for Task 1.
- Improved the understanding of the XML structure by converting the TXT file into a more readable format using an XML beautifier

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```

✓ Task 1

Date: 17/03/2023

Contribution:

Group Member 2:

- Read the instructions.
- **Step 1: Txt file parsing**
 - Used Python library to parse .txt file.
 - Used Regex to extract the required attributes and their values as listed above.

Date: 18/03/2023

Contribution:

Group Member 1:

- Continued parsing using Regex and saved values to a JSON file.
- Didn't finish extracting values for the country.

Date: 20/03/2023

Contribution:

Group Member 2:

- Realized there is a mistake while parsing; for each assignment entry, the assignee could be more than one, and the assignor could also consist of more than one.

Date: 21/03/2023

Contribution:

Group Member 2:

- Fixed the XML parsing. Update the code to follow Ed's FAQ.

Date: 22/03/2023

Contribution:

Group Member 2:

- Found a bug and continue fixed the XML Parsing.

Date: 23/03/2023

Contribution:

Group Member 1:

- Convert the XML special characters (eg, & to &)
- Save to dictionary

Date: 27/03/2023

Contribution:

Group Member 2:

- Create a func to get country name for assignors info and assignee info.

Date: 28/03/2023

Contribution:

Group Member 2:

- Documentation for Task 1

Date: 30/03/2023

Contribution:

Group Member 1 & 2:

- Test the testing script. Fix bug and Optimize the overall code.

Date: 02/04/2023

Contribution:

Group Member 1:

- Added a new condition for the country "Canada" according to the instructions.

Date: 13/04/2023

Contribution:

Group Member 1:

- Modify remove title (not use regex anymore)

Date: 16/04/2023

Contribution:

Group Member 1:

- Checking overall code

Date: 17/04/2023

Contribution:

Group Member 2:

- Replace Testing Script because tutor already updated the Testing script

Date: 18/04/2023

Contribution:

Group Member 1& 2:

- Fix bug in regex asignor , assignee, and property, which we can't get the data if there are two asignors , assignees and properties.
- Fix bug in get country name
- Fix bug for special character in txt file

Date: 19/04/2023

Contribution:

Group Member 1& 2:

- Final Testing & Checking
- Add final documentation
- Prepare for Submission

Google Colab Workbook Link

Task 1 [link text](#)

Task 2 [link text](#)

