

## Criterion B: Design

### Main Interface:

### E-okul to IB Lesson Converter

Select File

2nd Foreign Language: 

Dropdown Menu

10th Grade Elective: 

Dropdown Menu

Branch

#### IB Lessons

Group 1: 

Dropdown Menu

Group 2: 

Dropdown Menu

Group 3: 

Dropdown Menu

Group 4: 

Dropdown Menu

Group 5: 

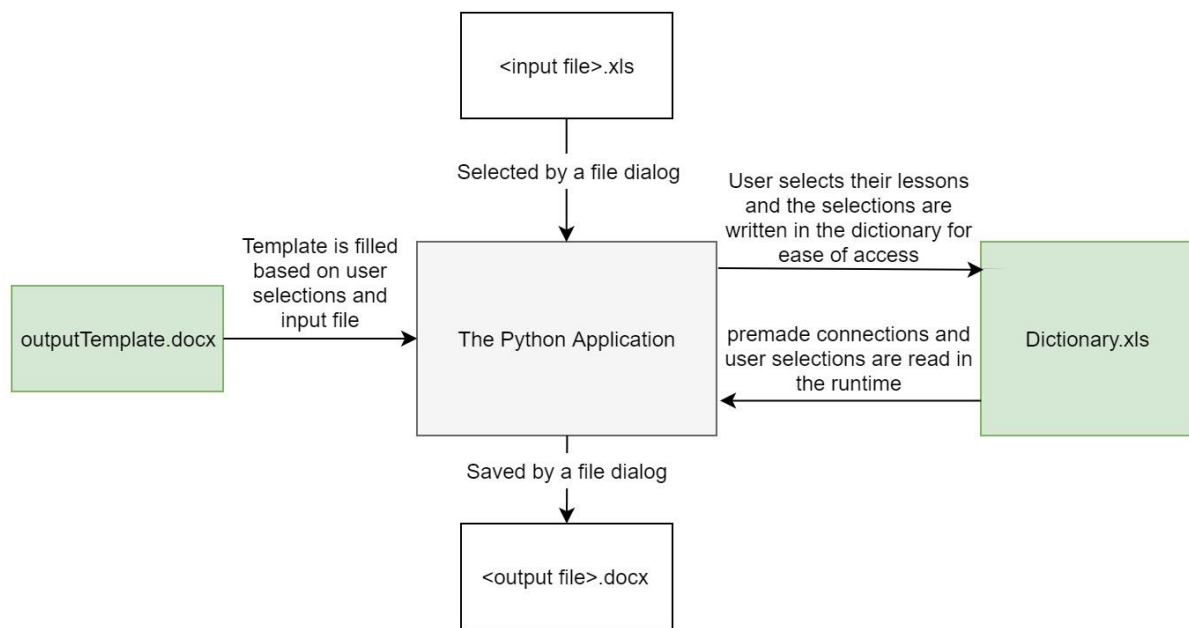
Dropdown Menu

Group 6: 

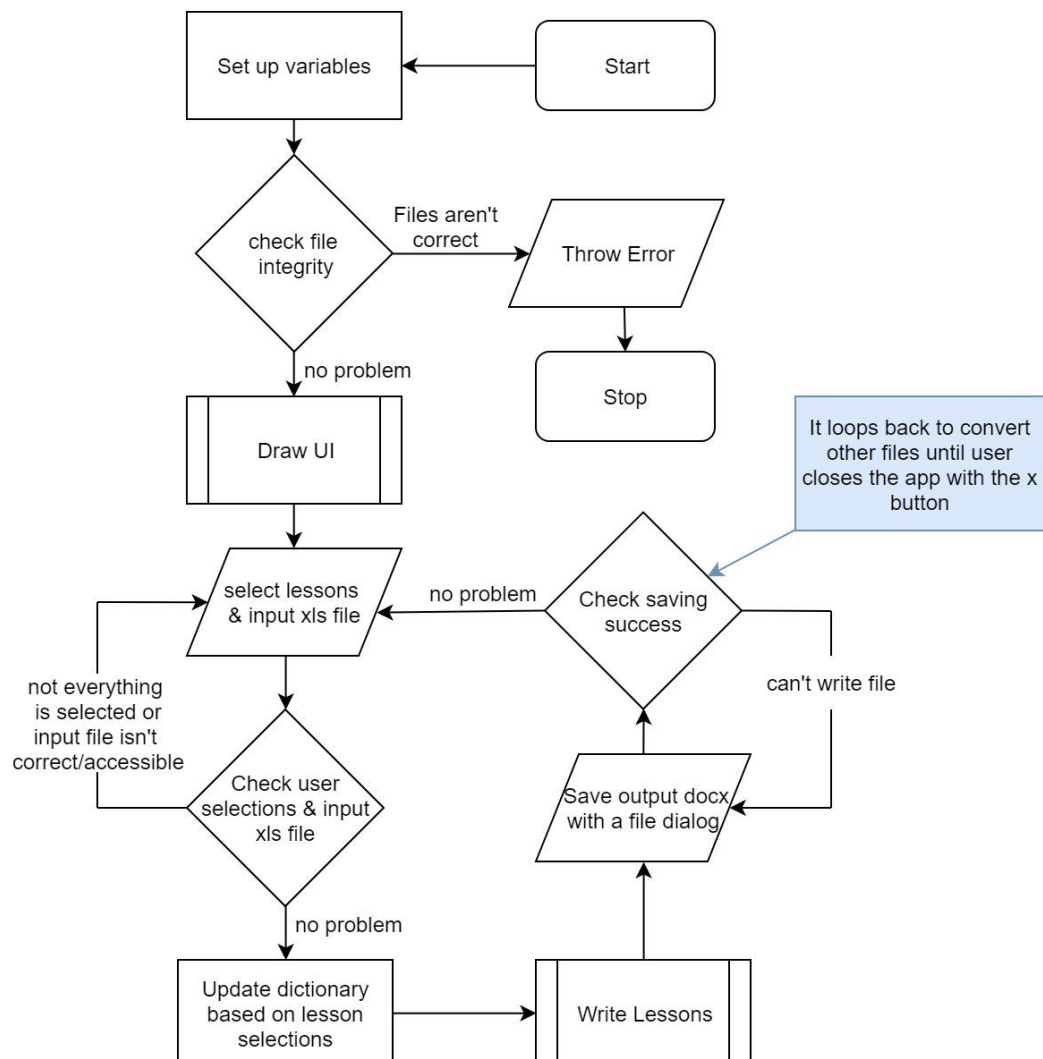
Dropdown Menu

Convert

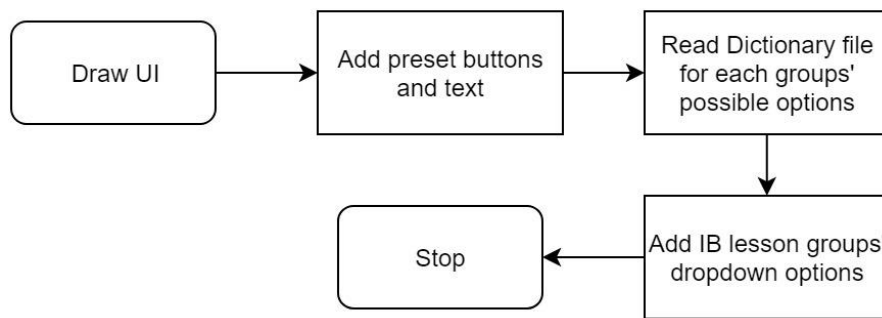
## General File Structure:



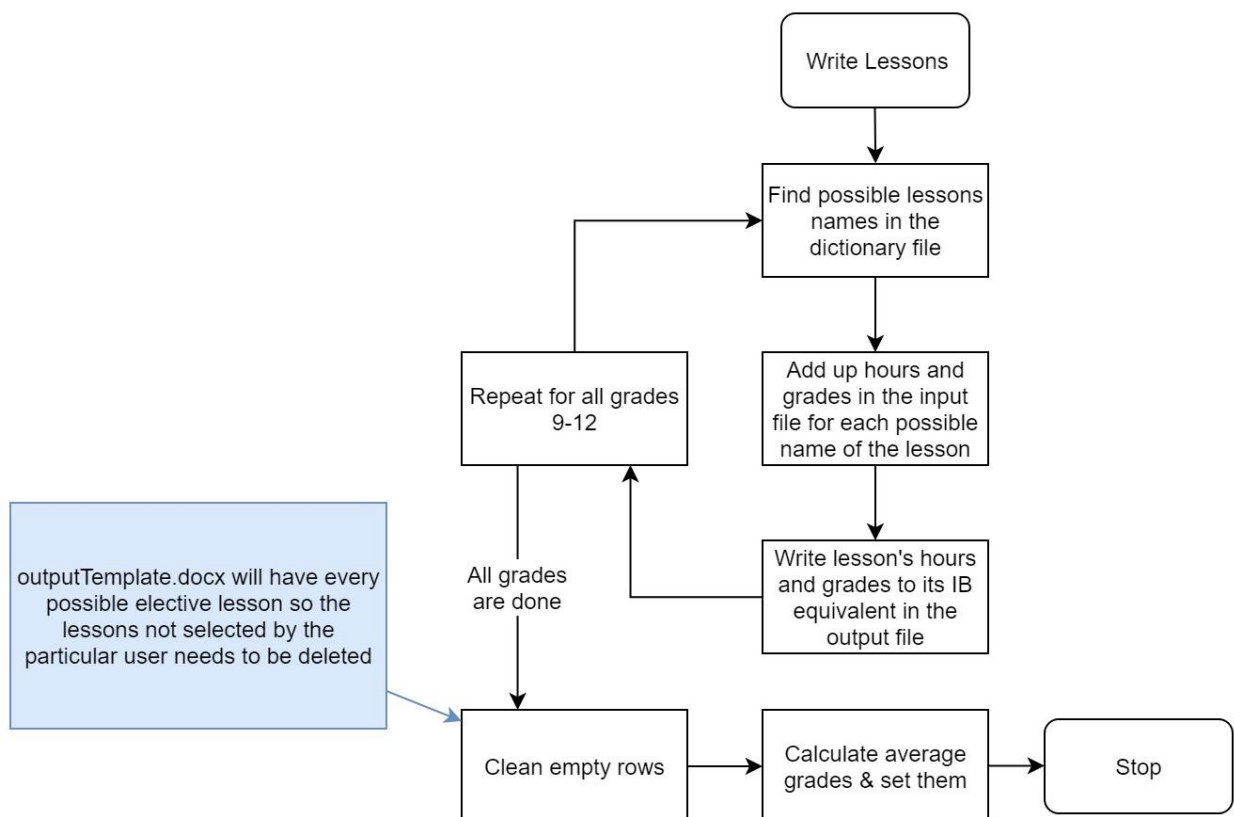
## General Logic Flowchart:



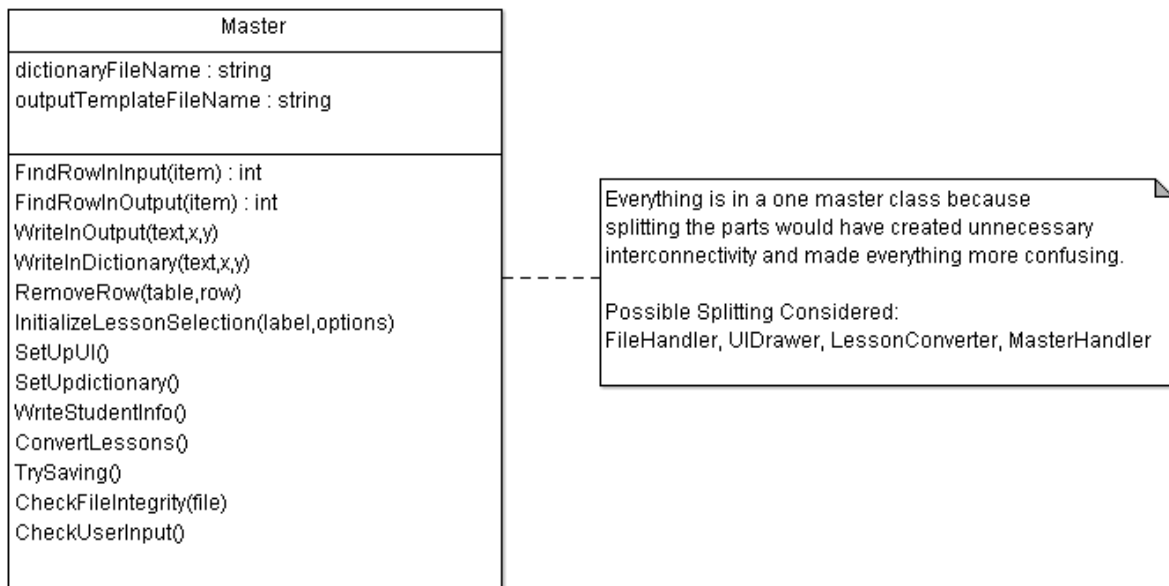
### Draw UI Flowchart:



### Write Lessons Flowchart:



## UML Diagram:



**Test Plan:**

Test	Expected Outcome
Run the program using the exe file	The program runs and the UI displays.
Check UI values	UI values are correct.
Delete various required files & run the program	The program throws an error and terminates if the required files are missing.
Choose an input file using the UI	The program selects the input file correctly.
Choose an incorrect input file	The program alerts that the input file is wrong.
Try to choose between German and French	German or French can be selected in the UI and is correctly outputted in the final file
Try selecting IB lessons group 1-6	IB Lessons can be selected in the UI and is correctly outputted in the final file
Try to begin converting with empty fields	The program alerts that the fields are empty & not converts
Click the convert button	The program converts properly and asks for the output file location
Try to save to a specific location	A correct output file is generated at that location.
Try to save to an inaccessible location	The program displays an error and asks another location to save.
Edit the dictionary file and run the program again	The output file is changed according to the dictionary file.
Inspect the output files generated by the program	The output files are correct.