Tech Warriors Team Project Submission

- **Technologies used : Python, HTML 5, CSS 3, and JavaScript**

- We developed a compiler using Python programming language which will take flex file as input and will give html file as output.

- Steps we followed in designing compiler which will convert flex file to html file.

    1. Flex file (.mxml) will be taken as input.

    2. Flex file (.mxml) will be converted into xml file with the same file name.

    3. Html file will be created with the name taken from either .mxml file or .xml file

    4. Python program will parse xml file into root tag, sub tags / child tags along with attributes using library **xml.etree.ElementTree**

    5. Tags in XML will be converted to HTML tags accordingly

    6. Attributes in XML tags will be converted to CSS properties as Internal CSS or External CSS.

    7. The HTML code so far generated will be added to HTML file created initially.

    8. Finally, run the HTML file to see the output on browser.

- So far, we have completed login module only due to time constraints. But if we provided with some more time and support from Tech Mahindra, we can surely complete everything without any deviation(s).

- To design this compiler , we must need meetings to be happened at least twice in a week to clarify doubts.