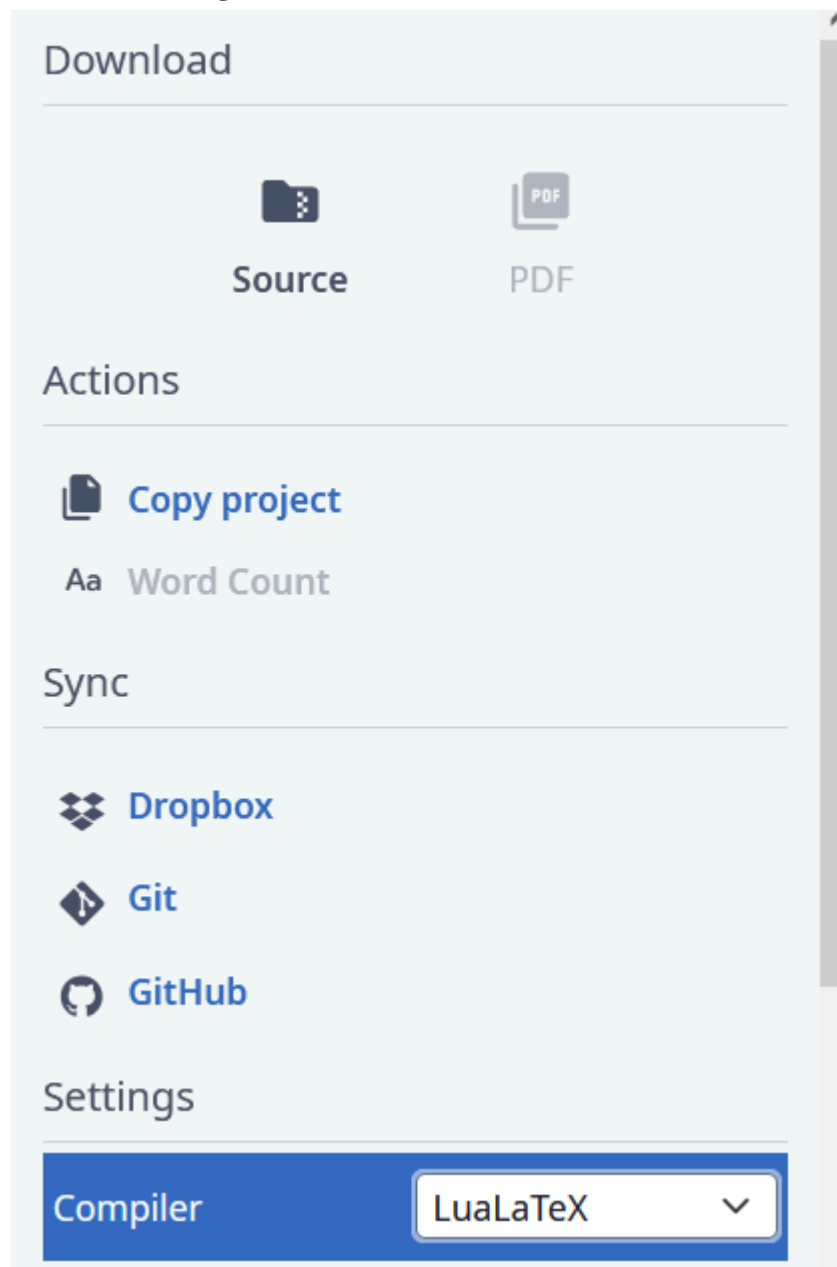


To write Bangla in Overleaf (Latex)

First of all you need to change the compiler. For this, you have to click on the menu in top left and change the compiler to LuaLatex or XeLatex. I prefer



LuaLatex.

Now to write Bangla and Now change the font style of IEEE, you need to write these lines before your abstract/ begin document

```
\usepackage{fontspec}
```

```
\newfontfamily\banglafont[  
  Script=Bengali,  
  Renderer=HarfBuzz,  
  Language=Bengali  
{Noto Sans Bengali}
```

These lines make LaTeX capable of showing Bangla text (with conjuncts working properly) using the font Noto Sans Bengali.

I think this is best suited for all as I faced some problems with XeLatex.

Now in your latex document you can write Bangla as

```
{\banglafont{উদযাপন}}
```

You can change \banglafont to anything you want.

Now how to handle emojis

To use emojis in your paper

```
\usepackage{emoji}
```

Include this line before begindocument part

And after begindocument

I used \setemojifont{TwemojiMozilla}

Then used emojis like



```
\emoji{thumbsup} \emoji{heart}
```

Give it a try.