Add Partition in Arduino IDE:

Close Arduino IDE.

Go to the boards.txt directory.

Mine look like this.

C:\Users\PC\AppData\Local\Arduino15\packages\esp32\hardware\esp32\1.0.4

In above directory PC in my PC name

And AppData by default is a hidden folder.

After open boards.text file in any editor.

Search for ESP32 Wrover Module and add these three lines as shown in image

esp32wrover.menu.PartitionScheme.large\_spiffs=Large SPIFFS (4.5MB APP/OTA/6.93MB SPIFFS)

esp32wrover.menu.PartitionScheme.large\_spiffs.build.partitions=large\_spiffs\_16MB

esp32wrover.menu.PartitionScheme.large\_spiffs.upload.maximum\_size=4718592

save and open Arduino IDE.

Text, table

Description automatically generated

Now select following configuration

Graphical user interface, text, application

Description automatically generated

Upload font files in SPIFFS.

In this version webpages are embedded in Arduino code which makes reduces their loading time.

Graphical user interface, application

Description automatically generated

Now upload code in ESP32.