World Cloud

In [50]:
```
# Create a list of word
text=("Hello Everyone , This is Naveen.")
```

In [52]:
```
text
```

Out[52]:
```
'Hello Everyone , This is Naveen.'
```

In [60]:
```
pip install wordcloud
```

```
Collecting wordcloud
  Downloading wordcloud-1.9.3-cp312-cp312-win_amd64.whl.metadata (3.5 kB)
Requirement already satisfied: numpy>=1.6.1 in c:\users\roy62\anaconda3\lib\site-
packages (from wordcloud) (1.26.4)
Requirement already satisfied: pillow in c:\users\roy62\anaconda3\lib\site-packag
es (from wordcloud) (10.3.0)
Requirement already satisfied: matplotlib in c:\users\roy62\anaconda3\lib\site-pa
ckages (from wordcloud) (3.8.4)
Requirement already satisfied: contourpy>=1.0.1 in c:\users\roy62\anaconda3\lib\s
ite-packages (from matplotlib->wordcloud) (1.2.0)
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packages (from matplotlib->wordcloud) (0.11.0)
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\site-packages (from matplotlib->wordcloud) (4.51.0)
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\site-packages (from matplotlib->wordcloud) (1.4.4)
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te-packages (from matplotlib->wordcloud) (23.2)
Requirement already satisfied: pyparsing>=2.3.1 in c:\users\roy62\anaconda3\lib\s
ite-packages (from matplotlib->wordcloud) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\roy62\anaconda3\l
ib\site-packages (from matplotlib->wordcloud) (2.9.0.post0)
Requirement already satisfied: six>=1.5 in c:\users\roy62\anaconda3\lib\site-pack
ages (from python-dateutil>=2.7->matplotlib->wordcloud) (1.16.0)
Downloading wordcloud-1.9.3-cp312-cp312-win_amd64.whl (301 kB)
   ---------------------------------------- 0.0/301.4 kB ? eta -:--:--
   ---------------------------------------- 0.0/301.4 kB ? eta -:--:--
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   - -------------------------------------- 10.2/301.4 kB ? eta -:--:--
   -- ------------------------------------- 20.5/301.4 kB 108.9 kB/s eta 0:00:03
   --- ------------------------------------ 30.7/301.4 kB 163.8 kB/s eta 0:00:02
   ----- ---------------------------------- 41.0/301.4 kB 164.3 kB/s eta 0:00:02
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   ------- -------------------------------- 61.4/301.4 kB 164.1 kB/s eta 0:00:02
   -------------- ------------------------- 112.6/301.4 kB 273.1 kB/s eta 0:00:01
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   ------------------------------------  ---  297.0/301.4 kB 273.8 kB/s eta 0:00:01
   ---------------------------------------- 301.4/301.4 kB 262.5 kB/s eta 0:00:00
Installing collected packages: wordcloud
Successfully installed wordcloud-1.9.3
Note: you may need to restart the kernel to use updated packages.
```

In [61]:
```
from wordcloud import WordCloud
import matplotlib.pyplot as plt
```

In [64]:
```
# Create the wordcloud object

wordcloud = WordCloud(width=480, height=480, margin=0).generate(text)
```

In [66]:
```
# Display the generated image:

plt.imshow(wordcloud, interpolation='bicubic')
plt.axis("off")
plt.margins(x=0, y=0)
plt.show()
```

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