



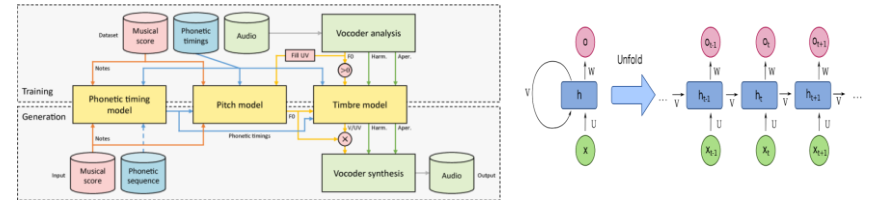
# LAGUAI- Artificial Intelligence Song Composer



## Product Background

- Artificial intelligence can be implemented in song composing. This will make the music composers to be more easier to compose the song, including Song lyrics, music and the singer as well. This system will not require the real life singers as well and we can use virtual singer to compose the song.

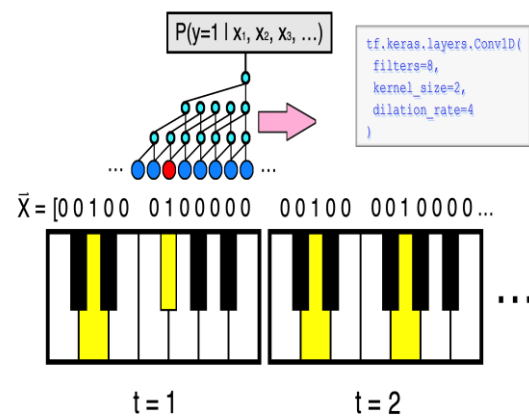
## State of the Art/ Methods



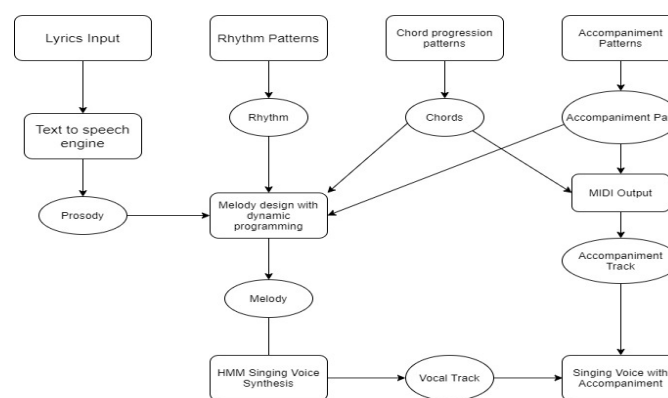
## Product Image and Product Characteristics/Results

### Novelty/ Originality/ Inventiveness

- Some products have been exists but with one usability but this product has multiple usability.
- Amper Music – create customize music from samples recorded by musicians.
- AIVA – music composer that creates original and personalized music for the projects.



```
tf.keras.layers.Conv1D(
    filters=8,
    kernel_size=2,
    dilation_rate=4
)
```



### Marketability & Commercialisation

- Market Study/Market Size/Market Potential
- Technology Transfer Potential
- Social/Community Benefit

### Benefits/Usefulness/ Applicability

- It may be a good productivity for people who do not musical knowledge
- The AI will help the music composer to generate the music and it will help the lyrics writers to generate lyrics as well

### Cost Analysis

- This is product with free of cost
- Comparison between my project and the existing products caused by the features. Those products were came out with GUI(Graphical User Interface)

### Status of Innovation

- This is complete project which I have done as my final Year project.