



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

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## TECHNICAL APPROVAL COMMITTEE

### GUIDE APPROVAL FORM

Date: 23 /11 / 2023

<b>Starting Date of Work</b>				
<b>Sl. No.</b>	<b>Student Name</b>	<b>Reg. No.</b>	<b>Role</b>	<b>Signature</b>
1	SABAREESH T	7376221CS282	Team Leader	
2	GNANASHEKAR S	7376221CS151	Team Member	
3			Team Member	
4			Team Member	
5			Team Member	
6			Team Member	
7			Team Member	
8			Team Member	
9			Team Member	
10			Team Member	
<b>Applying for the work:</b>		Project		
<b>Title of Work</b>		Youtube Comments Sentiment Analysis Web Application		

(To be Filled by Faculty In charge)

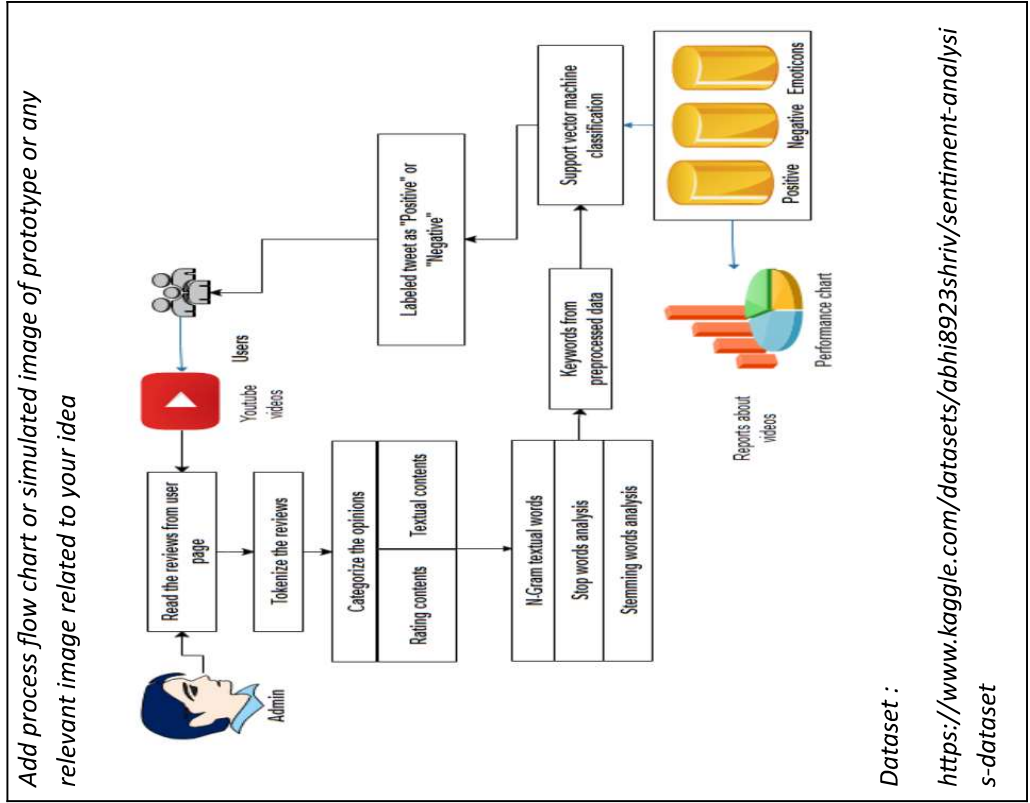
**No. of students: 02**

I acknowledge that I will act as a faculty in charge for the aforementioned students and guide them to complete the work by adopting the guidelines provided.

**Lab Name:**  
(In case of Faculty belonging to any special lab)

**Name & Signature of the Faculty In charge with the date**

# Idea/Approach Details



<p>Describe your Idea (Problem Statement), Proposed Solution and Methodology here</p> <ul style="list-style-type: none"><li>To create a learning model that can tokenize whether the comment (string) is a positive /negative / neutral comment using NLP. This model will be built using the Keras and TensorFlow libraries, and NLTK . The system will scrap youtube comments using Youtube Data 3 API and pass those comments to the ML model and provide us with the Sentimental Review of the comment as output .</li></ul>
<p>Describe the features / functions of the concern work here</p> <ul style="list-style-type: none"><li>This Web App Also provide the user about the stats as visualizable model such as pie chart etc ..</li><li>Users can also download the scrapped comments as a csv file and further use for their own uses.</li></ul>
<p>Describe your required technologies / facilities to complete the prescribe work here</p> <ol style="list-style-type: none"><li>NLTK</li><li>Streamlit</li><li>matplotlib and pathlib</li><li>numpy and pandas</li><li>tensorflow and keras</li><li>Beautiful Soup</li><li>Google Application Client</li></ol>

Signature of Faculty In Charge