**BABU BANARASI DAS ENGINEERING COLLEGE,**

**LUCKNOW (AKTU College Code 508)**

# Department of Computer Science & Engineering

***Academic Session 2022-23 [Odd Sem]***

**B.TECH PROJECT [KCS753]**

# Project Progress Report – 2

**Project Title:** Dynamic Product Review Using Sentiment Analysis

**Type of Model:** Software Based

## Project Objective:

* Generate dynamic product review reports using supervised machine learning
* Identify and analyze the sentiments and keywords of reviews for the given products
* Create a web application frontend to allow interactive user access
* Provide a visual representation of the generated analysis data
* To facilitate easier and faster product research for users before making consumer decisions

## Work Completed:

* Two modules have been completed, that is Review Analysis Backend and basic front end for user interface.
* Created scrapers to fetch review data for targeted products from Amazon and Flipkart.
* Identified and trained text classification and text extraction models for sentiment scores and review summarization
* Implemented working backends for chosen models.
* Created front end for user interface for interacting with the application

**Percentage of Work done:** 50% since last reporting. **Progress of Work:** Review analysis and frontend for Amazon is nearly done, Flipkart needs further fine tuning

## Name of the team member:

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Name & Signature of the Project Guide