

# **Talk Lime**

## **MINI PROJECT – I**

### **SYNOPSIS**



Department of Computer Science & Application

**Institute of Engineering & Technology**

SUBMITTED TO: -

Md. Farmanual Haque  
(Technical Trainer)

SUBMITTED BY:

Shashank (201500642)  
Rohit Shakya (201500591)  
Snigdha Gupta (201500697)  
Monu Sharma (201500413)  
Kuhoo Saxena (201500358)

## **Acknowledgement**

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B. Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Md. Farmanual Haque, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

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Shashank (201500642)  
Rohit Shakya (201500591)  
Snigdha Gupta (201500697)  
Monu Sharma (201500413)  
Kuhoo Saxena (201500358)

## **ABSTRACT**

The study described in this research report focused on variables which were posited to capture students' experiences on the internet. We as a University found that there is low/less interaction with our seniors or the respected faculty members. But as we know nowadays students as well as seniors/faculties everyone is using the internet and knows the basics of social media whether it is Instagram or WhatsApp. Our research says approx. 80% of students of GLA University have not cleared their doubts because they do not find the right person for the university to whom they ask. So, Our Project Talk Lime creates a platform where almost all the university students as well as Alumni and Faculties can connect with each other. Students get some doubt they posted their query on Talk Lime platform if anyone who knows about the queries, they can answer the question. Our main focus is to increase the university level interaction and make communication easy. In the 2.5 years of Education here at GLA University we did not find any right person who can solve our query. There was a direct positive relationship between academic self-efficacy and students' academic grades. The implications of these results and directions for future research are discussed in this report.

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## **INTRODUCTION**

Social media and social networks, from Facebook to Snapchat to Twitter and beyond, are an increasingly important part of how we communicate and connect day to day. They are key for staying in touch and up-to-date as well as contributing to our world and being creative. Many teachers find social networking a great way to expand their personal learning network and to discover resources. Just about all students rely on social media of some kind as a part of their daily routine. So how do you bring social media and social networks into the classroom? And how do you decide what will work for you and your students? Here's a collection of the best and most interesting social networks and social media apps and websites we've looked at to help you decide.

## **SOFTWARE AND HARDWARE REQUIREMENTS**

- Node Js
- Express Js
- AWS (Amazon Web Service)
- EJS
- Ubuntu 20.04
- MongoDB

## **PROJECT DESCRIPTION**

The purpose of this project is to develop a server site application with the help of node js and API framework i.e. express js. Project contains end user experience and users can like, comment, and share posts on their profile. There is a dedicated news feed for the other user where users can connect with each other. Developing this project for the university students so some profiles are verified by our team that the profile is of well-known users in the university i.e. VC sir, HOD Office, CEO, Chairman sir, Dean, etc.

The project is divided into 3 modules – student/faculties, organization (Clubs) and administrator. The roles of the modules are as follows:

- **Student :**

The user can create a profile in Talk Lime platform and start building their profile by completing some profile questions. After completing the profile, students can send connection requests to the other users and start talking with them. Students can post their queries and faculties can share the announcements on their fields. Users can also apply for verification of their profile so Talk Lime team can review their profile and if we found no issue in the profile or the profile belongs to the real identity who is well known in the university campus and the profile meets our verification standards then the profile got the verification badge on their profile.

- **Organization (Clubs ) :**

College clubs played an important role in the campus. Clubs can create business profiles in Talk Lime and start to grow with others. Clubs can promote their events on Talk Lime and if they want they can use our ads facility to increase the reach of their events and gain more followers on Talk Lime.

- **Administrator:**

Administrator is the main admin of Talk Lime. where admin watches the activities on talk lime platform so users can not violate the terms and conditions of talk lime and admin also watches the statistics of the user on talk lime platform.

### **Rationale**

Social media is becoming a 'normal' part of student life, as well as academic practice,<sup>1</sup> and increasingly it is also being used in teaching.<sup>2</sup>

We wish to investigate if social media can enhance student learning experiences, as well as their sense of 'belonging' to the academic community within and beyond our subject area.

Politics & IR has a large student cohort at both UG and PG levels, and a particular problem with student satisfaction (as measured by the NSS). Social media is therefore important as a potential way of building community among our diverse student body, and also a way of adding value to our academic offerings.

For lecturers, the use of social media may save time – it is easier to tweet a link than to set up a hyperlink in a course, or across multiple courses in a VLE. Students have also anecdotally reported a preference for Facebook over Learn forums.

The proposed research was undertaken to assist us in assessing how effectively social media contributes to achieving our teaching and learning objectives, and ways in which we might strengthen our offerings.



## **IMPLEMENTATION**

Node.js is a server-side platform built on Google Chrome's JavaScript Engine (V8 Engine). Node.js was developed by Ryan Dahl in 2009 and its latest version is v0.10.36. The definition of Node.js

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

Node.js also provides a rich library of various JavaScript modules which simplifies the development of web applications using Node.js to a great extent.

### **What is Amazon Web Service.**

AWS stands for Amazon Web Services, it needs no formal introduction, given its immense popularity. The leading cloud provider in the marketplace is Amazon Web Services. It provides over 170 AWS services to the developers so they can access them from anywhere at the time of need.

AWS has customers in over 190 countries worldwide, including 5000 ed-tech institutions and 2000 government organizations. Many companies like ESPN, Adobe, Twitter, Netflix, Facebook, BBC, etc., use AWS services.

For example, Adobe creates and updates software without depending upon the IT teams. It uses its services by offering multi-terabyte operating environments for its clients. By deploying its services with Amazon services, Adobe integrated and operated its software in a simple manner.

## **REFERENCES:**

### **Books:**

- Beginning Node.js
- Express in Action: Writing, Building, and Test
- Amazon Web Services in Action
- Learning AWS
- Get Programming with Node.js

**Websites:**

- [www.simplilearn.com](http://www.simplilearn.com)
- [www.google.com](http://www.google.com)
- [aws.amazon.com](http://aws.amazon.com)
- [www.tutorialspoint.com](http://www.tutorialspoint.com)
- <https://expressjs.com>

**Faculty Guidelines:**

Md. Farmanual Haque (Technical Trainer in GLA University)

**GitHub Repository link:**

<https://github.com/shashank026/Talk-Lime>