

**TRIBHUWAN UNIVERSITY**

**INSTITUTE OF ENGINEERING**

**PULCHOWK CAMPUS**

**PROJECT TITLE**:

SOCIAL MEDIA ANALYSIS

**SUBMITTED BY:**

|  |  |
| --- | --- |
| NAME | ROLL NO. |
| BIPLAB KARKI | 073-BEX-412 |
| JAY KISHAN PANJIYAR | 073 -BEX- 414 |

**SUBMITTED TO:**

DEPARTMENT OF COMPUTER AND ELECTRONICS ENGINEERING

PULCHOWK ENGINEERING CAMPUS, LALITPUR

SUBMISSION DATE: 2075-09-08

**SOCIAL MEDIA ANALYSIS**

**Introduction**

Social media analysis is the practice of collecting data from blogs and social media websites and analyzing that data to make business decisions. This involves data insights collection from various social media platforms like Facebook, Twitter, LinkedIn, Whatsapp, etc. The analysis of data from these platforms is really fruitful in analysis of overall business or profile that comes handy in various cases like marketing, SEO, lead generation.

This project of social media analysis, under Computer Graphics comes to outstand as a project which involves mathematical analysis and visualization of various social media (primarily Facebook here) insights and data for analyzing the responses of the data posted over those social platforms. We use the data obtained from those social media platforms in graphical visualization and analysis in various mathematical form fully involving the features of graphics programming using a graphically enriched web based UI and UX.

**Features**

* Highly responsive 3600 VR UI features (images/videos/objects)
* 3d objects embed
* 3d data visualization
* Data analysis, classification & prediction using various machine learning algorithms
* Downloadable social media reports
* Secured admin panel for each user
* Highly extendable
* Real world usability
* Commericalizeable

**Problem diagnosis**

The manual data analysis of various social media platforms tends to be a really tedious and impracticable thing in this modern world. So, social media analysis tools like this come really handy in this task. Even though there are many such tools pre available we plan to build this with various new features like 3d visualization of data under various statistical features including highly enriched graphics that makes more friendly analysis of data. We also plan making it in really cheaper and faster manner suiting the Nepali market since the trend of using social media analysis tools in Nepal is just trending.

**Plan of action**

To develop this project, we will follow the schedule presented in the figure:

|  |
| --- |
| Research on existing social media analysis tools and APIs |

|  |
| --- |
| Research on 3d modeling & 3600 media embedding |

|  |
| --- |
| Responsive UI & UX development using frontend technologies (HTML, CSS, Bootstrap,JS/React) |

|  |
| --- |
| Backend development using modern enriched web frameworks like Express or Django |

|  |
| --- |
| Debug & enrich more features if possible under time limit |

|  |
| --- |
| Submission of project |

**Conclusion**

Hence, the social media analysis project/tool will get to become really handy tool under various circumstances under social media analysis (a trendy topic). The plan of highly enriched 3600 media, 3d presentation, and ML algorithms use will make it a really new approach/landmark towards future level of data analysis.