SYNOPSIS

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| Project Title | Sentiment Analysis |
| **Project Definition** | Sentiment Analysis is contextual mining of text which identifies and extracts subjective information in source material, and helping a business to understand the social sentiment of their brand, product or service while monitoring online conversations. |
| **Project Objective** | Real time data analysis makes it possible for business organizations to keep track of their services and generates opportunities to promote, advertise and improve from time to time.  Through comprehensive analysis, businesses gain valuable insights towards their customers. |
| **Project Scope** | Through comprehensive analysis, businesses gain valuable insights towards their customers |
| **Project Purpose** | It can help revitalize a business’ brand.  Companies can quantify people’s perception about their products or services, marketing strategies and their customer experience.  When used right, it can help companies develop engaging marketing strategies to improve people’s perception about their brands. |
| **Project Description** | The algorithm proposed works on Twitter Data, primarily it collects the tweets and then study it with the help of different statistical computing procedures.  In the age of artificial intelligence and machine learning, competition is between best and best.  So inorder to gain control over market, it is essential to understand market condition especially during covid-19 situation.  For that sentiment of market is very important and sentiment of market is what consumer think of certain product. |
| **Software Specification** | Front End:- HTML, CSS, Javascript |
| BackEnd: - Python, Jupyter Notebook |
| **Hardware Specification** | Processor : Intel i5 or more  Motherboard : Intel® Chipset Motherboard.  Ram : 8GB or more  Cache : 512 KB  Hard disk : 16 GB hard disk recommended  Monitor : 1024 x 720 Display  Clock Speed : 2.7GHZ and more |
| **Team Members** | No. of Member: 2 |
| Name of Member 1) Tirth Patel (170020107041)  2) Ravi Sahani (170020107049) |
| **Category of Project** | UDP |
| **Type of Project** | Web based Application |
| **Name of Internal Guide** | Prof. Bansari Thakkar |