**2.1 INTRODUCTION**

Employee performance reporting provides a simple visual way to compare performance and engagement individually and across the entire company. When you can see which teams, managers, and employees are working well, you gain insights into how to help the areas and people who need extra attention.

Creating, tracking, and collaborating on goals in this web application create the always-on, formal feedback channel that modern employees crave. Staying on top of employee goals is easy, too automated reminders and notifications alert you to new comments, goal progression, and goal completion.

* 1. **EXISTING SYSTEM**

There is no such existing system which provides all these features. The existing systems only provide individual features .The current system shows the details of the employee ,manager and the admin and it does not shows the review of the employees by manager in order to apply salary appraisal to get accepted by the admin .There are some systems which provide majority of the features of the proposed system but the availability of such systems is very much minimum at many places. Also, their user interface is somehow confusing, that the user interface is not much simple to handle by the common users

* 1. **PROPOSED SYSTEM**

The proposed system is a computerized system which can overcome the drawbacks of the existing system. In this system the employee can apply for their salary appraisal .when the employee apply for salary appraisal the manager checks the performance of the employee and can evaluate the performance of the employee on the basics of certain criteria given in the system. The evaluated review of the employee given by the manager can be viewed by the admin in the form of a pie diagram and he can decide Werther to approve the appraisal or not. In this system tasks done by the employees can be viewed by the manager and can give the done star ratings.

**2 Benefits of the proposed system**

The proposed system is wholly e-recorded, thus making it user friendly. The system is efficient, reliable, accurate and fast. The proposed system simplifies the task of storage of data and report generation. Automatic and regular backup of data safeguard the stored valuable information so as to retrieve as and required.

The benefit or advantages of the proposed system are:

* User friendliness I provided in the application with various controls.
* The system makes the overall project management much easier and flexible.
* It provides high level of security with different level of authentication.

**ALGORITHM**

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**Vader sentiment analysis Algorithm**

**NLTK library(natural language toolkit)**

**Vader(valence Aware Dictionary for Sentiment Reasoning )is a model used for text sentiment analysis that is sensitive to both polarity(positive/negative) and intensity (strength) of emotion .Vader sentimental analysis relies on a dictionary that maps lexical features to emotion intensities known as sentiment scores.**