Synopsis

Rashmi J   PES1UG21CS480

Pratyusha Rao   PES1UG21CS394

Raghav S   PES1UG21CS469

Rahul Rao   PES1UG21CS473

Problem Statement:

Employees in IT companies often tend to take work less seriously and work without any consequences for their leisurely behavior. Some even push work until the deadline even though the work can be completed in less time.

Many times, a hardworking and dedicated employee doesn't get the deserved rewards and benefits because of a lack of efficient tracking and progress measures.

The human resource team has to get in contact with the candidate's previous employer to request his work profile, which is a difficult and repetitive task when it has to be done for every single candidate applying for the job.

Solution:

To analyze and maintain the record of employee's efficiency for easier profiling of the employee and measuring his growth rate.

We will be calculating the efficiency of workers based on the activities and work they'll be doing at the workplace based on the number of breaks taken, checking browsing history, work completed, problem-solving ability, client management, communication, meeting the requirements, development quality, etc.

The entire score of the employee is maintained using blockchain technology so that it can be displayed and can be considered by the next employer or internal team management, promotions, and work assignment.

The product will help in tracking the employee's dedication towards work and maintaining all the previous reviews by the HR team. This will help to track the growth and development of the employee and reward him based on the same.

Blockchain technology ensures the integrity of the data and it cannot be manipulated by anyone hence it can be used by the human resource team while recruiting a new employee and understanding his strengths and weaknesses as per the review of the previous employer.

This immensely helps smart and dedicated employees to stand out among all the other employees and get better raises and promotions.