



DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

PROJECT PROPOSAL

1. Project Title:-

i Automated Payroll System with GPS tracking and Image capture

2. Project Scope:-

i Accounting and management are the two most essential parts for the business needs of any company. The Automated Employee Payroll System will focus on maintaining the attendance of employees, managing the employee's expenses, track the employee's activities, and then calculate the payroll for that employee based on the information gathered.

The employee logs in to the system through the application on his android device. Image of the employee is captured and sent to the HR along with the employee's GPS location (sent to HR every 2 minutes), this employee cannot attempt to add proxy attendance and his salary is calculated accordingly. The image and GPS location of the employee can be accessed by the HR through a web application to monitor employee's activities. The HR can add/remove employees and edit their details through the web application. Valuable data can be stored for extended time periods, with easy access and manipulation of the same, and no redundancy in the database. If required, the images uploaded by the employee could also be of the work being done by them.

Drawdown in this system is, every employee needs to have an android device. With that, camera should be fully functional otherwise the system fails.

3. Requirements:-

i Hardware Requirements - Android Smartphone with working internet and location services enabled plus camera, Laptop (any OS) with internet access.

Software Requirements - Android OS v9+, Web browser with support for HTML & CSS, JavaScript, PHP, Java, MySQL bench, Apache Web Server.

STUDENTS DETAILS

Name	UID	Signature
Lovedeep Singh Kalsi	19BCS6007	
Avi Ahlawat	19BCS6011	Avi.
Harshit Gupta	19BCS6013	Harshit.
Sanyam Singla	19BCS6017	

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (with Date)
Dr. Deepak Kumar	Supervisor	