* **Title**
* **Title of the project**

InstaDispatch

* **Investigators**

Student: Saksham Sharma

Guide: Ms. Aastha Sood (Trainer)

* **Introduction**
* **Research Problem**
* The courier management system is supposed to be effective and utilize the resource in an optimum manner to ensure timely service with least cost.
* Every aspect of the operation from pickup/receipt must be logged properly.
* **Research Question**
* How do we meet coustomer expected times and deadlines?
* How can we provide proficent tracking details to the user.
* **Objective**

The main objective of the Project on Courier Management System is to manage the details of courier, customer,delivery, bill, payment. It manages all the information about courier, Email notification, Payment, Cancellation of courier. The purpose of the project is to build an application program to reduce the manual work for managing the courier, coustomer, Email Notification, Delivery. It tracks all the details about the Delivery, Bill, Payment.

* **Methodology**
* **Place of Study**

Hoping Minds (Mohali, India)

* **Setting of Study**

Hoping Minds is an academy or training institute that provides education in different IT fields like full stack, cyber security, data science etc.

* **Period of Study**

Six Months Training

* **Study Design**

Study is basically Full Stack Web Development, both backend and frontend which includes studying various technologies HTML, CSS, JavaScript, Java, Apache, MongoDB and Node JS

* **Study Tools and Techniques and intervention**

Java(Swing)

Sql

Data Collection Methods

* Checked with various package delivering companies and see about the loop holes in their systems
* Data retrival methods that can be of good use were to be noted.
* Checked how the user support can be provided in times of crises.
* Divided work among employees was noted to be alloted each set of work as per the employee skills
* **Data Management**

Store data in Excel Sheets and then have used various data warehousing and data mining techniques. Operations on data to be performed using MySQL or Apache

* **Data Analysis**

After storing data in Excel Sheets, data cleansing is done and then data has been analyzed using various graphs and pie charts

**-References**

**-Youtube**

**-Git**

**-Geeksforgeeks**

**-Udemy**