DATA ENTRY OF FOOD OR PETROL BILL RECEIPTS AUTOMATION

ABSTRACT :

In today's business environment, efficiency and accuracy arcrucial. our project presents a groundbreaking solution to the traditional process of data entry for food and petrol bill receipts. We've created an innovative automation system using TruCap and TruBot, transforming how businesses manage financial documents.

Our project begins with TruCap's Optical Character Recognition (OCR) technology, which extracts data from Various receipt formats. This data is transferred into a Google Form using TruBot, This eliminate manual entry, helps to reduce human errors and saves the time. The automated process sends instant notifications to the finance team, summarizing transactions, totals, and other details.

Main impact of this, It will Simplifies complex process , & helps to Enhance efficiency and productivity . Also Improves business performance. This project not only showcases the power of modern automation will also sets a precedence for future data management innovations.

In conclusion,Our solution is not just a tool it's a powerfull system that uses smart automation to simplify processes, boosts efficiency, and improve the business performance.

Roadmap for Data Entry of Food or Petrol Bill Receipts Automation:

1) RECEIPT UPLOAD

° process :

> The user have to take a photo of a receipt and through any android app or web and upload it

° tools :

> Any web or mobile app for the users who take photo

of a receipt and upload it.

° example :

> A user snaps a picture of a receipt through camera or any app and uploads it .

2) READING RECEIPT DATA

°Process:

> We use trucap for scaning of the receipt and pick the main information like date , amount , vendor , place .

° Tool:

> Trucap → it's a software that is used to extract the important details from the receipt (like amount , date , place)

° Example:

> A user uploads a receipt of Starbucks in this our system recognise the date , vendor , amount

3) CHECKING THE DATA

° Process :

> In this step our system check the accuracy of the receipt and if something is wrong then it send flag for manual check

° Tool :

> TRUBOT - it checks the accuracy of the data which is extracted by receipt or anything

° Example :

> If there is a receipt of Zomato in which everything is ok then the next step execute. If someone tried vary the amount of the receipt then our system will send flag for manual check

4) SUBMITTING THE DATA

° Process :

> If the data of receipt is right and stored then the trubot converts the data of receipt into Google form.

° Tools :

> Trubot → it converts the receipt details in Google form .

5) NOTIFYING THE FINANCIAL TEAM

° Process :

> In this step the data from Google form taken is automatically transferred to the official finance team or manager via email

° Tool :

 > TRUBOT : used to trigger the email notifications

6) HANDLING ERRORS

° If some reason the receipt is not recognised then the flag is send to the officials team that this receipt contains some error and request for manually check

° Example

> In the receipt data the amount is 799 and someone overwrite it and make it 7999 it will through the error and request for manually check

7) REPORTING

° Google Form - it's also provided a custom dashboard ° in the process it can automatically calculate the monthy expenses and overall receipt

° Example :

> After a month we can get the number of hotels that users visited and number of times etc ....