A Major Project Synopsis on

Controlling Fake Remarks - Blitz

Submitted to Manipal University, Jaipur

Towards the partial fulfillment for the Award of the Degree of

MASTER OF COMPUTER APPLICATIONS

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by

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External Internship

Company Name: Bigshort Tails Private Limited (Blitz)

Role: Product Support Intern

Location: Bangalore, India

Company Website: Bigshort Tails Private Limited

About the Company

Bigshort Tails Private Limited, operating under the brand name Blitz, is a technology-driven company specializing in ultra-fast delivery solutions for e-commerce businesses. By combining cutting-edge technology with operational excellence, Blitz enables businesses to offer delivery options such as next-day, same-day, and even 4-hour deliveries, thereby enhancing customer satisfaction and boosting sales. Their services include optimized inventory placement, pre-checkout solutions to drive impulse buying, and post-checkout solutions with real-time order tracking. Trusted by over 100 brands and marketplaces, Blitz is committed to transforming the logistics landscape with its innovative fulfillment services.

I. Introduction

The project "Controlling Fake Remarks" focuses on developing a system to filter and control fake comments and reviews in online platforms. The rapid growth of e-commerce, social media, and review platforms has led to an increase in fake and misleading remarks. This system integrates Metabase for data storage and visualization and Postman API for real-time remark control to ensure efficient analysis and management.

II. Motivation

1. Enhances user trust by filtering out fake remarks.
2. Helps businesses make better decisions with reliable customer feedback.
3. Utilizes advanced remark detection techniques to identify patterns of fake remarks.

III. Problem Statement

- **Key challenges include:**
  1. Identifying fake remarks that are contextually similar to genuine ones.
  2. Developing a system that works efficiently in real-time.
  3. Adapting to evolving tactics used by fraudsters to create fake remarks.

IV. Methodology/ Planning of Work

- Data Collection: Storing all remarks and related data in Metabase.
- Data Preprocessing: Cleaning and preparing data using Python libraries like pandas.
- API Integration: Using Postman API to manage and control remarks through automated workflows.
- System Development: Developing classification models for remark detection and integrating user-friendly interfaces using React JS.
- Evaluation: Monitoring system accuracy and performance.
- Deployment: Integrating backend services using Node.js and Express.js.
- Tools & Technologies:
- Frontend: React JS
- Backend: Node.js and Express.js
- Database: MongoDB and Metabase
- API Management: Postman API
- Communication & Collaboration: Slack, Google Docs, Google Sheets
- Data Analysis & Maintenance: Google Sheets, Metabase
- Security & Access: JumpCloud, OpenVPN

V. Requirements for Proposed Work

- **Software Requirements**
  1. Operating System: Windows, Linux
  2. User Interface: React JS
  3. Database: MongoDB and Metabase
  4. Backend: Node.js and Express.js
  5. Collaboration Tools: Slack, Google Docs, Google Sheets
  6. Security Tools: JumpCloud, OpenVPN
  7. Hardware Requirements
  8. Processor: Minimum Intel i5 or equivalent
  9. RAM: 8GB (minimum)
  10. Storage: 100 GB Hard Disk Space

VI. Bibliography/References

1. Controlling Fake Remarks v2 - Training Document (https://sleet-bag-0a2.notion.site/Controlling-Fake-Remarks-v2-1-12d2772a3793803eb8bfc6c54fb22e9c)
2. GTM - Controlling Fake Remarks v2 (https://sleet-bag-0a2.notion.site/GTM-Controlling-Fake-Remarks-v2-1-12d2772a3793802fa590d7a2b8f38844)
3. 0 Fake DB Documentation (https://sleet-bag-0a2.notion.site/0-Fake-DB-Documentation-1682772a379380259b98d90c538976f4