SUPPORT REQUEST / LIQUIDITY POOL

Project report of
Final Year, Semester-IV/VI

Submitted in the partial fulfilment of the requirements for the degree of

Master of Computer Application
(MCA)

By

Nikhil Kankaria A009

PRIDEVEL

Dipen Vadodaria

Under the guidance of

Prof. Krishna Palod

Department of Computer Engineering

Mukesh Patel School of Technology Management & Engineering

NMIMS (Deemed-to-be University), Mumbai

CERTIFICATE OF COMPLETION

This is to certify that the dissertation entitled **" FEED PARSING " ,"SUPPORT REQUEST", "LIQUIDITY POOL" 2**carried out by **NIKHIL KANKARIA**, student of **MASTER OF COMPUTER APPLICATION** [2021-2022], of **MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING, MUMBAI**, is hereby accepted and approved as a credible work. Submitted in the partial fulfilment for the requirement of degree of MCA from **NMIMS (DEEMED-TO-BE UNIVERSITY), MUMBAI,** It's a bona–fide record of the work done by him/her under my supervision during his/her stay as a project trainee at **PRIDEVEL** From **December 1st, 2021** to **May 31st, 2022** The system has been implemented and running successfully. We do not have any objection on the content of the report.

Sign & Name
(Mr. Dipen Vadodaria)
PrideVel Technologies Ltd.

Shri Vile Parle Kelavani Mandal's

NMIMS (Deemed-to-be University)

Mukesh Patel School of Technology Management & Engineering
JVPD Scheme, Bhaktivedanta swami Marg,
Vile Parle (w), Mumbai- 400 056.

This is to certify that the project report entitled

Support Request / Liquidity Pool

Submitted by

NIKHIL KANKARIA

has successfully completed the project report required for the partial fulfillment of Master of Computer Application(MCA) Degree as per the norms prescribed by NMIMS during the VI Semester of the academic year 2019-2020. The project report has been assessed and found to be satisfactory.

_____   _____

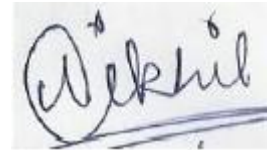**Company Mentor's Sign**   **Internal Mentor's Sign**

_____   _____

Examiner 1 Sign   **Examiner 2 Sign**

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DEAN

DECLARATION

I **Nikhil Kankaria**, hereby declare that the project work entitled **" Feed Parsing ", "Support Request", "Liquidity Pool"** is an authenticated work carried out by me at **Company Name** Under the guidance of **Dipen Vadodaria** for the partial fulfilment of the award of the degree of **MASTER OF COMPUTER APPLICATION** and this work has not been submitted for similar purpose anywhere else except to **Mukesh Patel School of Technology Management & Engineering, Mumbai,** affiliated **to** NMIMS **(DEEMED-TO-BE UNIVERSITY),MUMBAI.**

Date: 22-03-2022
Place: Surat   **Nikhil Kankaria**

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INTRODUCTION

Internship has become a bridge for students who want to transfer from college to corporate life; I was able to witness a genuine working environment that was very different from what I was studying in class through internship.

During my internship, I will have the opportunity to work in the department to gain experience in how a software company creates products like apps. My time at PrideVel, on the other hand, was more focused on learning via assignments. All of my past work experience has aided me in recognizing facets of the company such as grouping work, working environment, and peer support.

As a consequence, the internship term has provided me with the chance to broaden my knowledge and recognize my strengths and shortcomings, both of which will be beneficial in developing my future vocation.

COMPANY OVERVIEW

2.1 About Organization.

PrideVel's founder and CEO, Prasad V. Rao, is a highly successful technocrat entrepreneur. Prasad co-founded several technology companies during his twenty five years of association with Information Technology field. He has been the recipient of the coveted "E&Y Entrepreneur of the year" award. CyberTech Systems, Inc., co-founded by Prasad was in the list of Inc. 500's fastest growing private companies in the year 1999.

PrideVel Group treats its customers as its business partners. We deliver solutions that best fit the customers' needs using the network of our partners. This provides the ability for PrideVel to play the role of a "trusted advisor" to the customer resulting in on-going business relationship.

All of our customers vouch for our commitment to them and the quality of solutions we bring to solve their business problems.

PrideVel strives to keep customers delighted by providing superior solutions and unparalleled support with attention to avoid any interruptions to their businesses.

Our customers like our integrated solutions approach for optimal TCO by minimizing on-going maintenance support costs and finger-pointing between multiple vendors.

PrideVel believes strongly in building its own culture with the following Core Values:

- Customers come first for us. We will do what it takes to delight and retain our customers
- A part of each employee's compensation will be directly or indirectly linked to customer satisfaction
- We will be highly ethical and transparent in dealing with customers, employees and business partners. We believe in long-term loyalty and not in short-term gains
- We are passionate about what we do, and we take pride in our work

2.2 Products and Services Provided.

• **SAP ABAP code management for HANA migration and beyond**
They offer Gekkobot a unique tool from Gekkobrain that helps you automatically migrate your code to SAP HANA and S/4 HANA, help find and fix issues fast in your code as well improve performance. It does all of it while saving you a lot of money.

• **Cloud Migration Services**
With our migration factory approach with third party tools, and predefined templates aims to help you make this transition to the cloud as seamless, efficient, and cost-

effective as possible. Our approach enables us to deliver complex migrations with zero business impact

- **Blockchain Solutions**
Enable your business for the future with our Web3 and Blockchain technology. We have a team of dedicated and experienced blockchain developers to help you strategies, develop, and launch your own blockchain products and strong ecosystems. Connect with our experts to explore the right path for your business.

    - NFT Platform Development
    - Smart Contract Solutions
    - Build Your Own Crypto
    - dApps Development

- **Business Process Management -** We help businesses manage their business processes efficiently & cost effectively with the right combination of people, processes & technology

- **Applications Services**
With our consultative and collaborative approach we strive to provide highest quality solutions and services that meet our customers' needs.

    - Agile
    - DevOps
    - Enterprise Mobility

- **Training Services**
Corporate training results into improving employee skills and enhancing their performance by focusing on professional development to meet the challenges of global business competition. Pridevel offers training services such as on-premise/off-premise training and skill building services, standardized quality content development and delivery.

- **Hospitality Solution**
    - **NevoSuite:** NevoSuite Hospitality Solutions for hotels, resorts and global hotel chains provide "contactless" experiences to your guests through our intelligent interactive services and interfaces on TVs, Tablets, Smart Phones, IP Phones screen menus and Voice Activated Devices.

    - **NevoMed:** NevoMED Healthcare Solutions Portfolio is designed to be modular, scalable and fully customizable to address the needs of medical institutions in any size from small hospitals to large scale campuses integrating with hospital specific systems.

    - **OfficeSuite**: NevoSuite Hospitality Solutions for hotels, resorts and global hotel chains provide "contactless" experiences to your guests through our

intelligent interactive services and interfaces on TVs, Tablets, Smart Phones, IP Phones screen menus and Voice Activated Devices.

- **Finance and accounting services**
  Mid-market enterprises and startups must continue to focus on growth while trying to manage competitive market pressures, and regulatory challenges. This puts additional of pressure on departments to meet the increased business expectations in a dynamic business environment. This is forcing enterprises to look for specialized outside help to support, supplement, and reinvent their processes & explore new technologies & tools for increasing productivity.

- **Training Services**
  Corporate training results into improving employee skills and enhancing their performance by focusing on professional development to meet the challenges of global business competition. PrideVel offers training services such as on-premise/off-premise training and skill building services, standardized quality content development and delivery.

- **Iot gold chain**
  According to statistics 40-50% of food is lost to wastage. In developed nations, this waste accounts 1.3 billion tons of food annually. As far as Theft is concerned Food is the largest commodity exposed to theft, and accounts for over $47.5 billion of losses annually. Companies can now leverage technology to drive their FSMA compliance requirements while simultaneously improving margins and lowering prices of food items.

- **Customer support services**
  Applications Services Challenge Mid market enterprises and startups lack the equipped help desk support infrastructure and resources as their budgets do not allow them the cost. Under such circumstances it is difficult for them to respond quickly without sacrificing support quality and customer satisfaction.

TRAINING PHASE

- Blockchain Concepts - WhiteBoardCrypto, Finematics, Investopedia and other sources on google

- Java Script - LinkedIn Learning, W3Schools, Tutorials Point, FreeCodeCamp

- How to DeFi Beginner (Coingecko - book)

- Web 3.0 – DAPP University, Documentation

- ReactJS - Scrimba

- Solidity - CryptoZombie, Tutorialspoint

INTRODUCTION TO PROJECT

4.1 Project Profile

Project Title   : Feed Parsing

Project Definition   : This project will create a small application that will
show different articles based on Cryto and blockchain from different sources like Coindesk,
news.bitcoin, etc and will allows users to search for articles and clicking on which it will
redirect the users to the actual article.

Developed for   : PrideVel Technologies Ltd.
                                                  185-A, SDF-VI SEEPZ-SEZ, Andheri East,
                                                  Mumbai 400096, INDIA

Project Coordinator   : Dipen Vadodaria

Project Guide   : Prof. Krishna Palod

Project Users   : PrideVel Technologies Ltd.

Project Duration   : 6-8 Weeks

Submitted to   :   Mukesh Patel School of Technology Management
& Engineering, NMIMS

Developed by   : Nikhil Kankaria

4.2 Introduction to System

4.3 Scope and Applicability of the Project

The project is to be integrated with the Blockchain based main Product which is under
Development.

SYSTEM REQUIREMENT SPECIFICATIONS

5.1 Functional Requirements

- It should offer hourly updates of content in the database.

- No redundant data should be present in the database collection.

- Should display the needed articles in accordance with the user's search.

- It should give the user with basic information about the articles (overview).

5.2 Hardware Requirements

- Windows 7 or iOS 13
- 4 GB RAM or more
- Processor base frequency of 1.8 GHz or higher.
- 75 MB of available disk space or more

5.3 Software Requirements

- VS Code (Developing Application)

- ReactJS (Front-end)

- NodeJS (Back-end)

- JavaScript

- Jupyter Notebook (Python Code)

- MongoDB (Database)

- Web Browser: Google Chrome

- Operating System: Windows7/ 8/10, MacOS

- Postman (API Testing)

Feasibility Study/ Survey of Technologies

6.1 Technical Feasibility

The project will be delivered to the client by integrating it in the main product.

6.2 Operational Feasibility:

This Project aims to provide curated content based on the search keyword searched by the user.

6.3 Schedule Feasibility:

It was 8 weeks project on which we were working. The deadline of this project is 14 feb 2022

6.4 Features of Technologies Learned/Used

• **Python :** Beautiful Soup and Newspaper Library for Web Scrapping. PyMongo for Database Connection.

• **MongoDB :** Database

• **NodeJS :** To create backend API

• **ReactJS :** Frontend UI

KEY LEARNINGS

- So far during the course of 2.5 months I have learned about the Blockchain Technologies, how does the technology.

- Also I have learned about the **MERN Stack (MongoDB, Express, ReactJS, NodeJS)** Development while developing the Project.

- Opportunity to present on the topic "**Application of Blockchain in Stock Market**"

- Writing Clean, Optimized and Structured Code for an efficient Application development

- Exploring more about the Blockchain Technology and its Application.

- Learned Basics of Web3.0 and Solidity to write Smart Contracts.

CHALLENGES FACED

- Connection and Integration of project developed on different OS

- Writing Queries

- Handling Python errors

- Connecting Frontend to the API

- Understanding Web3.0 and Solidity

- Time Management

REFERENCES

- W3schools
- Freecodecamp
- LinkedIn Learning
- Cryptozombie
- Youtube{DappUniversity, Finmatics, Whiteboard Crypto, Code Eaters, etc}
- Scrimba
- Investopedia
- web3js.readthedocs.io
- Tutorialspoint
- docs.mongodb.com

<u>CONCLUSION</u>

Till now in the Internship I have learned about Blockchain and MERN Stack development through this project.