



SAL COLLEGE OF ENGINEERING

POSTER PRESENTATION 2025

Chat Bot for Ecommerce

Abstract

It is critical in today's rapidly changing business environment to be able to respond to clients' needs in the most efficient and timely manner possible. Online Shopping is a lifestyle e-commerce web application that sells a variety of fashion and lifestyle products if your customers want to see your business online and have instant access to your products or services (currently menswear). This project allows users to view various available products and allows registered users to instantly purchase desired products and place orders using an instant payment processor. This project allows administrators and managers to easily view orders placed. To create an ecommerce website, a number of technologies must be studied and understood. A few features of the proposed system include product demand forecasting, which allows administrators or owners to forecast product demand and make decisions based on it. must be studied and understood. A few features of the proposed system include

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Introduction

E-commerce has become a part of our everyday lives because technological advancements have allowed people to sit in the comfort of their homes and shop online without having to go to a physical store. This project is divided into two major categories: administrators and customers. As administrators, store managers and employees can add, edit, update, or remove products. They can also change product names, prices, and add or remove products. The customer can search for products, add items to their cart, remove items from their cart, and pay at the store. They can also update their information such as names, addresses, and other details. Understanding the wider context of e-business is essential because it has a growing impact on our world and has revolutionized many aspects of human activity. The literature review attempts to explore this impact and come to useful conclusions about where the project should focus in order to be successful. The success and failure factors of e-business are also explored, as are some cases of companies that have successfully implemented e-business into their operations. (Text Font Times New Roman –Size 24, Maximum word = 180)

Technology / Methods/ Algorithm

Algorithm : LSTM – Deep Algorithm, NLP

Languages. Which languages do you want your chatbot to "speak"? English, French, German, Arabian, etc? Should it speak one language or multiple?

Integrations. Which tools do you need the chatbot to be integrated with? CRM, payment system, calendars, maps, custom internal tool, etc.KPIs and metrics. Be sure to specify if you have that you want the chatbot to meet.

Technologies. Do you have any specific technologies you want the chatbot to be built with?

NLP and AI. Do you want the chatbot to have decision tree logic, Machine Learning (ML), Natural Language Processing (NLP), or Artificial intelligence (AI)? (Text Font Times New Roman –Size 24, Maximum word = 100)

Results / Outcome

dataset. The platform can be made available to word press based system because 60% ecommerce websites The reason for building such modular system is to make the system available to more platforms. This present NLU engine trains its classifier from the classified training data provided by the admins. Also, it is based on SVM. Artificial Neural Network can be used to improve the accuracy of the NLU Engine. Also, a semi supervised learning system can be implemented in order to increase the)? Neural Network can be used to improve the accuracy of the NLU Engine. Also, a semi supervised learning system can be implemented in order to (Text Font Times New Roman –Size 24, Maximum word = 120)

Conclusion

Chatbots are one of the most widely-used and accessible innovations in e-commerce. Although the changes they promote in modernizing customer interactions may seem incremental, the impact of the technology is huge, in the long run. It is clear that chatbots will not be optional in a few years since customers will come companies they are interacting with. promote in modernizing customer interactions may seem incremental, the impact of the technology is huge, in the long run. It is clear that chatbots will not (Text Font Times New Roman –Size 24, Maximum word = 100)

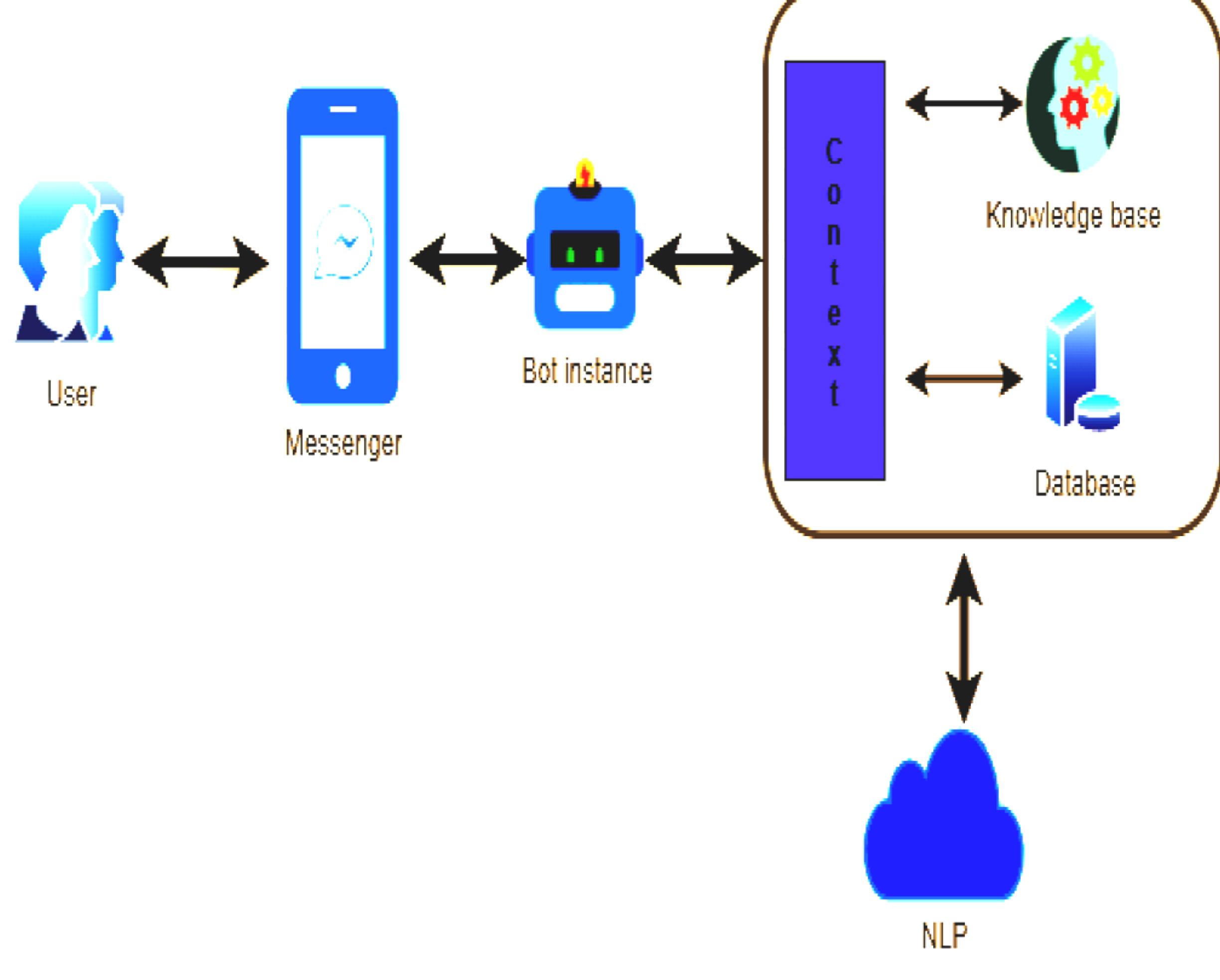
Future Scope

Chatbots also offer the opportunity for customer behavioral prediction, which can help predict customers' intent to either provide them with more options such as purchasing or providing information on their order, or better gather information for an agent to answer their questions. provide them with more options such as purchasing or providing information on their order, or better gather information for an agent to answer (Text Font Times New Roman –Size 14, Maximum word = 70)

Objectives

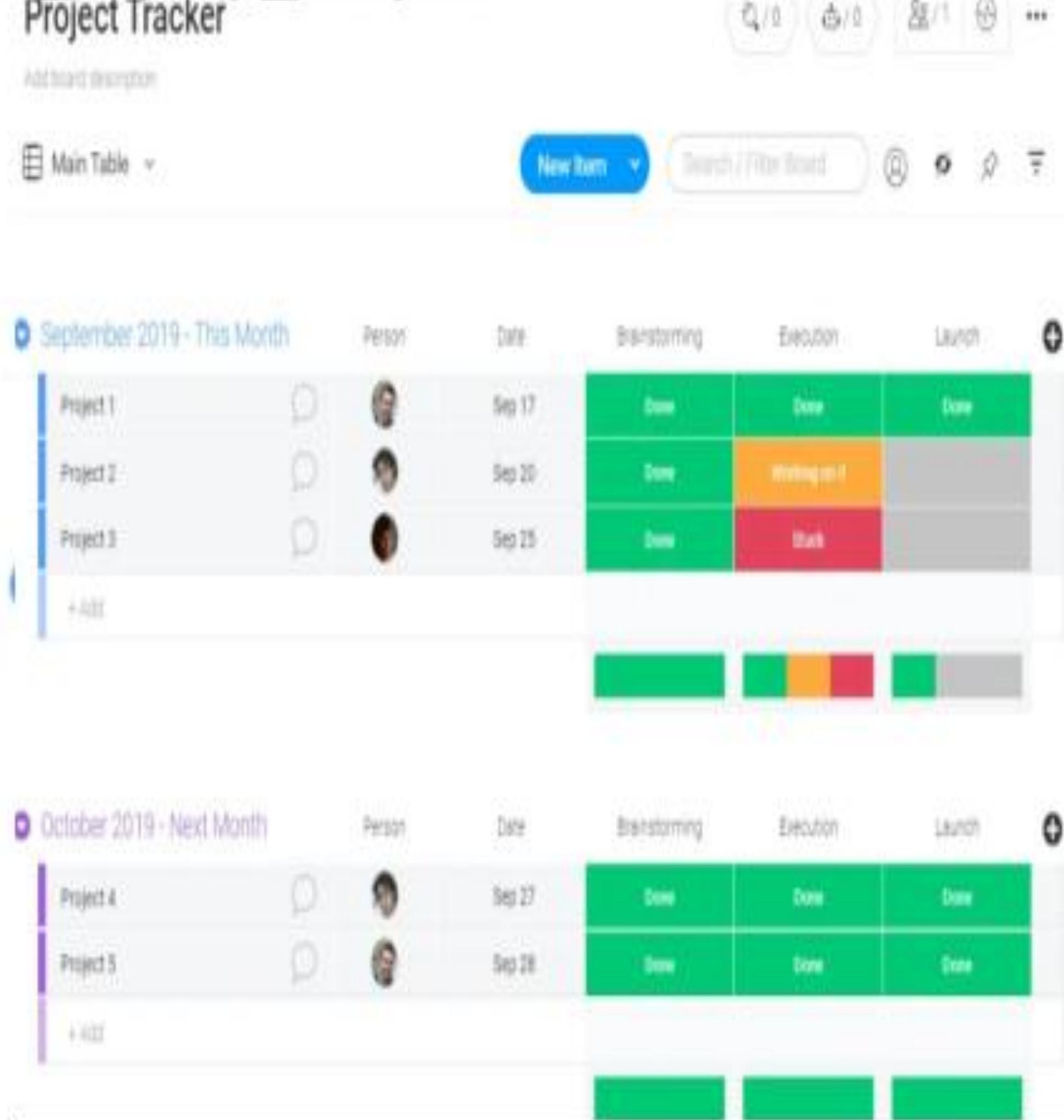
we construct a Chabot based on a neural network to aid in the resolution of the user's query. The proposed system aims to create an appropriate neural network algorithm that can be used to forecast demand for outgoing distributed products, and then to evaluate the performance of the chosen algorithms by conducting an experiment to investigate the possibility of using long-term proposed system. using long-term we construct a Chabot based on a neural network to aid in the resolution of the user's query. ng long-term proposed system. using long-term (Text Font = Times New Roman – Size 24, Maximum word = 90)

Workflow / Process / Flow Chart



Prototype

MOBILE TRACKER WEBSITE PAGE



MOBILE LOGO



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