

SPAM-JAM

INDIVIDUAL

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Phone Scam Statistics for 2017 – 2023

- **Scam calls cost \$29.8 billion in the first half of 2021.**
- **Scams calls increase year-on-year.**
- **Phones are the most-used channel for scam.**
- **The average scam call costs victims \$567.**
- **18 spam calls received per month on average.**

Introducing a comprehensive solution to combat spam calls.

- Target audience: Every general person who is unaware of scam calls or suffers from unwanted calls.
- The first problem we are aiming to solve is protection from scam calls.
- Another problem we are aiming to solve is unwanted calls.

• Application Demo

- We used langchain to create an AI bot that is able to talk to caller and detect scammers.
- Our application is able to detect scammers in real-time and provide caller information to the admin instantly.
- We are using VoIP service of Twilio to handle calls and the MERN stack for applications and server.
- We uniquely integrated AI into a real-time system such that AI acts as a personal assistant.
- This project aims to solve worldwide social problems such as loss of money and frustration among people.

Future Plan

In our current project, we have to call our system's number directly to test the workings of our project. We are using a web application to display the conversation between an unknown caller and our AI.

Due to lack of mobile developers, we were not able to create the mobile application required to forward unknown incoming numbers to our system's number.

So our future plan is to create a mobile application that will forward unknown incoming numbers to our system's number. This application will also consist of a dashboard that will be used to display information about calls a person has received and a registration portal that will be used to register a new user.

Thank you