

The™ Team 1 App Description Document 2

App Idea:

- Feature a very simple and easy to use UI. The main page will have a form to submit either text copied from the message or a screenshot of the message. This will be sent to an AI who will return a confidence score.
- The main page will also have a mini tutorial on how to copy and paste and take screenshots.
- We will maintain a database that contains prior requests so our model will be able to improve.

The app is designed to help people identify and educate them about scams. It will be an easy-to-use mobile and web application open to people of different tech literacy levels. It should be easy to understand, but it will include a tutorial for the users. It will take an input from the user, a screenshot or other information, and send it to an AI that will return a confidence score determining whether the message is likely to be a scam or not. Once it has determined that, the application will also provide reasoning so the user can understand how it was a scam. Additionally, the application will store the user input, scam emails/messages, so that the AI can train on that information and improve itself.

Users:

- All people who have an email or phone and are susceptible to receiving a scam email/text. The most vulnerable groups are young people and elderly people.
- Young people: Those under the age of 18 with minimal expertise with technology
- Elderly people: Those over the age of 65 with minimal expertise with technology

This app will primarily be targeted towards people who may have low experience or skill level with technology. The main demographics we see falling in this category are seniors who use technology but may be unfamiliar with common scamming techniques. In addition, younger users who have little experience with external communication can use this app too.

Major Workflow:

Users: The user opens the application and submits their data, screenshot or something else. If they do not know how to submit their data, there will be a section on the application that teaches them how. Once the data has been submitted, the user presses a button to get a confidence score. The data is sent to an AI which returns a confidence score to the user along with a description as to why the AI made that decision.

Data Collection: After submission workflow is send all data to backend. If data has images send them to get them translated to text. All text is sent to scam AI. Once response is received from scam AI then backend stores text and confidence value in DB and sends confidence value back to frontend.

Views:

One page with three main sections. At the top will be an input for text or image to submit to the scanner. Below that will be a section explaining how to copy and paste and take screenshots on mobile. At the bottom of the page will be developer information. The goal is to minimize navigation for the end-user.

A view that pops up while the AI is thinking if it's a scam or not. Possibly with some kind of stage based loading bar or tips or something to pass the time as it may think for a while.

Data:

- Screenshots
 - bytearray
- Form Data (user input)
 - screenshots: array of bytearray
 - text: string
- Confidence Score
 - number
- Records (for database)
 - text: string
 - score: number:

Anticipated Challenges:

- How to teach people how to copy paste on mobile
- teaching people how to screenshot and submit files across many devices (ios android desktop, mac etc.)
- Learning how to work the AI backend
- Making it mobile/friendly

Cumulative flow diagram

[How to read this report](#)



Date filter

All Time

From date

2/18/1993



To date

2/18/1993



To Do In Progress Done

