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SMS Spam Filtering

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ABSTRACT

In the Running World, all the technologies are developing in high peek in that way we adding extra feature for our model "**SMS Spam Filtering** ". In our mobiles , there are five option for maintaining the messages that are "All", "Personal", "Transaction", "OTP's", "Offers" in that now we adding "Spam" by doing that we can separate the spam messages in a specific category. In that, the "All option" contain all the messages received from various platforms like social medias , shopping , online ads, promotions etc.... which have a specific category but the spam messages no have any separate category to specify them. The existing model is, Spam messages are hidden in the "All option" for separating them we using our new model **"SPAM FILTERING" .**The proposing model is, Adding the Spam category to the existing model by placing the **"SPAM".** By doing this, the Spam option also display in our mobile phones.

Keywords: Database, Spam, Filtering, Messages, Resolution.

1. INTRODUCTION

1.1 About the project:

In the wireless communication age, Short Message Service (SMS) is one of the easiest and inexpensive communication way. SMS is most famous due to high response rate, secure, personal service and lowest prize. But there are many problems faced by the mobile user by using this SMS technique.

Spammers take advantages of this wireless world and reach to be used customers. Due to Spam SMS, Mobile service providers suffer from some kind of financial problems as well as it reduces calling time for users. Regrettably, if the user accesses such Spam SMS they may face the problem of virus or damage. When SMS received in a mobile it will disturb mobile user privacy and their personnel works. It may lead to annoyance and disappointment of user.

 So Spam SMS is one of the major problem faced by the users in the running day by day. But this technique is not capable to completely avoid Spam SMS. This Spam Filtering Technique used to identify Spam and Non-Spam SMS. Size of SMS is limited and basically it is only 167 characters.Most of Spam SMS includes URL's, to blame and threat the users.

This paper considers all these characters to find features from Bag of Words in Spam SMS.

OBJECTIVE:

* This platform can view the Spam messages which is sent by the Spammers.

* It locates a Specific place for Spam's.

* It requires the Confusions made to the mobile user's by the spam messges.

* Here our Filtering Model detect all the Spam messages and speed up by the database.

II. SYSTEM ANALYSIS

2.1 Existing system:

 In the running world, the technologies are developing in high peek in that way we adding extra feature for our project **"SMS Spam Filtering ".** The existing model is Spam message are hidden in the "ALL Option" for separating them we using our new model**"SPAM FILTERING".**

Disadvantages:

* The Spam messages are hidden in ALL option.

- By receiving Spam's over confusion's are held.

- There is no detecting category.

2.2 Proposed system:

In the, existing model the spam are not available to view inn a specific place or option. In our proposing model is, adding the spam category to the existing model by placing the **"SPAM"** option. By proposing our model it was very useful to find the spam messages in our mobile phones for the user's.

Advantage:

- There is no Spam messages are hidden in ALL option. It's a major disadvantage for the Spammer's.

III. SYSTEM METHODOLOGY

- Admin Login

- Option Details

- Spam Login

- *Admin Login:*

The Admin as the overall control to access the messages. The messages which are received in mobile phones such as Personal, Transaction, Offer's, Otp's etc.. .and also including Spam. The Admin can separate these all types of messages by adding button for all categories. An Admin can provide Database for all the messages. By providing database it can store all the information of the messages.

- *Option Details:*

The Option details are giving a separate buttons for all the option placed in our mobile phones. In ALL option, messages from various categories will be stored and also the spam messages. In TRANSACTION option, only the transacting messages will be display. In PERSONEL option, only the known person's messages will be display. In OFFER'S option, only the offering messages will be display. By like this, We adding SPAM option for our model to separate the spam messages.

- *Spam Login:*

The Spam login will be placed for display the spam messges in separate category. When we click on to that login a new page will be opened and show the unsolicited messages separately. By separating them, it's safe for the mobile user's without any confusions.

IV. CONCLUSION:

This paper finally concludes that the model will takeover all the spam messages separately. This model will be perfect to require all mobile user's from the spam messages. We can totally avoid the spam messages by using the "SMS SPAM FILTERING".

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