

# Google Assistant controlled Women Safety Application

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**Abstract:** With the advent of the Smartphone, cell phones are used for a multitude of reasons and hence they can be used efficiently for personal security purposes too. In this paper we have proposed an idea to control women abuse through voice controlled system. We used Google assistant to hear the command by the user and we have also used IFTTT to compare the voice with command created in IFTTT applet.

**IFTTT:** IFTTT is called as if this then that. IFTTT is both a website and a mobile app that was launched in 2010 and has the slogan "put the internet to work for you". The working behind IFTTT is to automate everything from your favourite apps and websites to app-enabled accessories and smart devices.

Keyword – Google Assistant, IFTTT, Smartphone

## INTRODUCTION

Women's safety is a key issue that even PM Modi has discussed at length, and tech seems to be a potential solution to the problem. There hasn't been a revolutionary design that's scalable and durable yet; however, there are multiple innovations that have led to successful steps forward in the space. These innovations focus on key spotlight areas such as during travel, at home, or at night, depending upon the scope of the technology and awareness at that moment. Some of these innovations are funded, others aren't, but they're all making a strong impact in the field of women's safety– after all, safety is a "human right" rather than a luxury in this country.

This paper proposed idea to control women abuse through voice controlled women safety control system.

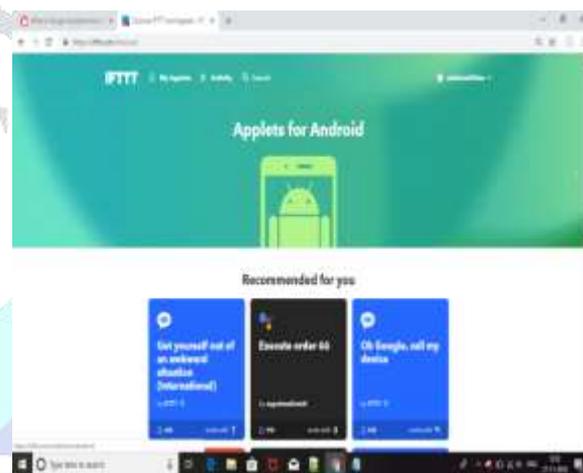
This paper approaches such inexpensive system. It uses the Google Assistant, IFTTT and Smartphone. Voice is used to give commands to the Google Assistant.

## TECHNOLOGIES USED

**GOOGLE ASSISTANT:** Google Assistant is Google's voice-controlled smart assistant. It's was originally an extension of Google. Now designed to be personal purposes.

The "OK Google" or "Hey, Google" side covers voice commands, voice searching, and voice-activated device control, letting you do things like send messages, check appointments and so on on your Android device, just like Apple's Siri on an iPhone or iPod, but reaching far beyond that, with a bot-centric AI experience, designed to give you conversational interactions.

Because Google Assistant knows you and understands context, it can react in an informed or smart way. That's important as Assistant spreads its wings, because it gives voice control a lot more power and moves it on from only reacting to specific phrases or commands. In the future, Google even says that Assistant will be able to call and book appointments for you, designed to be more than just reactive.

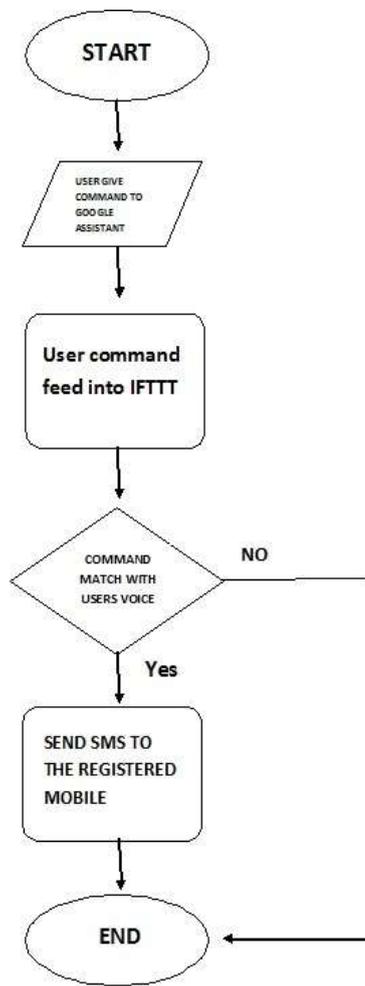


## WORKING PROCEDURE

Existing various applications are available for women safety. But this idea is unique because it involves Google assistant in it. It uses Google assistant and IFTTT app.

- Step 1 Open the IFTTT app on your mobile phone
- Step 2: Sync your mail
- Step 3: There will be three preferences to choose from
- Step 4: Close the screen applet
- Step 5: Choose my applet
- Step 6: More than 20 applets would be displayed to choose from but sync Google Assistant is our main feature select Google Assistant.
- Step 7: Click connect
- Step 8: Sync it with mail
- Step 9: Say a simple phrase
- Step 10: Create Trigger
- Step 11: Click on if then + that
- Step 12: Select notification
- Step 13: And click on connect again

## FLOWCHART



### RESULT

Comparing to existing system, our system is gives more security and also System gives better user friendly environment for the users. The result also positive and our idea responded well to our inputs.

### CONCLUSION

Women safety is one of the most controversial issues in our country. Rapes, molestation, eve-teasing or kidnapping – these heinous crimes are now carried out in broad daylight which has dampened the morale of women to step outdoors. There are many applications available for women safety. But this is another initiative to safeguard women with the trending technology with a faster speed

### References

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