***NSROMAPA HOME ASSISTANT***

The aim of this project is to provide a home assistant which will make living easier and better by helping the customers to communicate with their homes by speech or text, also, the assistant is to help provide information (weather conditions, facts, news, daily calendar event, time, date, etc.) to customers. The assistant also helps the customers post on their social media platforms and sends emails. The customers get to control their home remotely. The assistant comes along with an A.I security camera which detects and recognizes faces and alerts customers on any threats. ..........

***The Classifier***

The assistant comes with a classifier which classifiers any statement the user inputs so that the system gets to understand the statement. The classifier is a machine learning model. The classifier makes the system flexible to communicate with since the user is not restricted with which statements to say.

***FEATURES:***

***1.* EMAIL:**

triggers when the system finds 'email' or 'mail' in the user's input. The assistant sends mail to an email address the customer provides. The assistant can send a plain email as well as an email with a file attachment. User just has to specify.

***2.* WEATHER**

triggers when the system finds 'weather' in the user's input. The assistant provides an information on the weather condition of the city or country the customer provides.

***3.* CALENDER EVENTS**

triggers when the system finds 'calendar' in the user's input. The assistant provides events from google calendar.

***4. KEEP NOTES***

The assistants can keep notes for the customer when the system finds certain statements in the user input (e.g. remember this, note this down for me, etc).

Also for the system to read the note back to you; say read note.

***5.* WIKIPEDIA**

the assistant can also server as Wikipedia, providing information about request customers make.

Triggers when the system user's input as a questions that Wikipedia can provide solution to and summarize the results for the customer.

***6.* INSTAGRAM**

Triggers when the system finds 'Instagram' in the user's input. The assistant helps to post images and text ( even captions and hashtags) on the customers Instagram account.

***7.* TWITTER**

Triggers when the system finds twitter in the user's input. The assistant helps to post images and text (even captions) on the customer’s twitter account.

***8.* MATHEMATICAL PROBLEMS**

The assistant tries it's best to provides mathematical solutions to mathematical questions user may ask.

***9.* FACTS**

The assistant can also provide cool information such as scientific facts among others.

***10. CHATBOT***

The can also become your friend, you can have some conversation with it. So customers would not be bored at home at all since they have got a 24/7 friend.