FLUTO MESSENGER APPLICATION

(WEB APPLICATION)

TEAM - 15

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PROBLEM STATEMENT

- In the present generation there are many more social media applications where we can interact with each other.
- People who are in social media are prone to mental abuses by unwanted messages, spam messages, threat and hate messages. Due to these problems, people are facing many severe issues.
- Our Fluto messenger Application is an attempt to free people from such situations by categorizing messages into spam messages and asking the user's permission for viewing them.

APPROACH/SOLUTION

- The main feature of messenger application is categorizing spam messages in the messaging .
- We chose Random Forest, Support Vector Machine algorithms to detect and classify messages as spam and ham.
- The messages considered as spam will be classified under spam section in chat area.

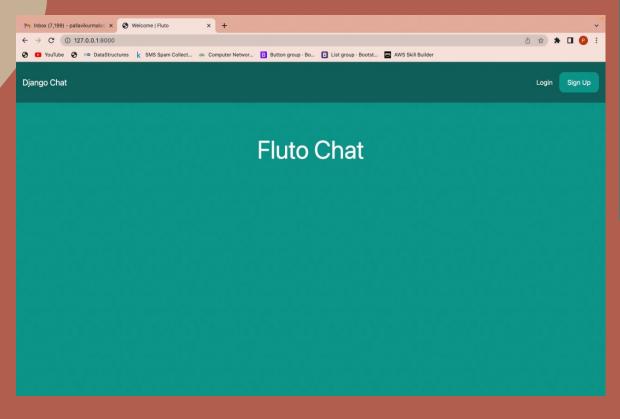
EXTENSION

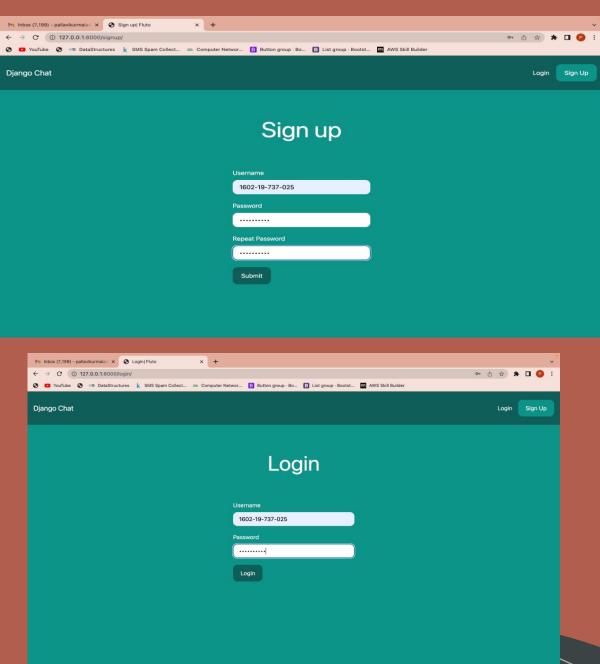
- We have extended project from mobile application to web application.
- We are also adding spam message detection using machine learning algorithm.

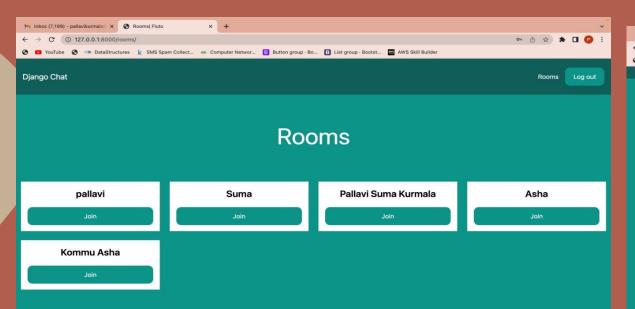
SOFTWARE REQUIREMENTS

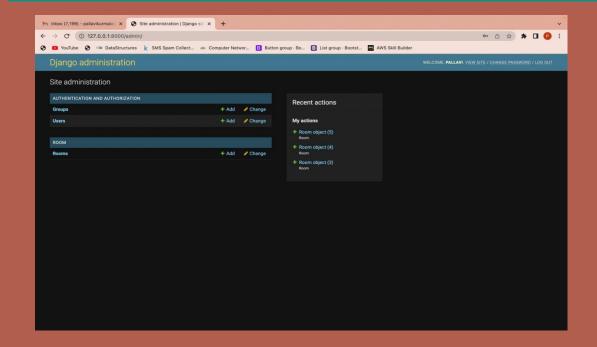
- HTML AND CSS
- JAVA SCRIPT
- Django Frame work.
- Jupyter notebook –for python
- Libraries –numpy , sklearn, mathplot, Pandas

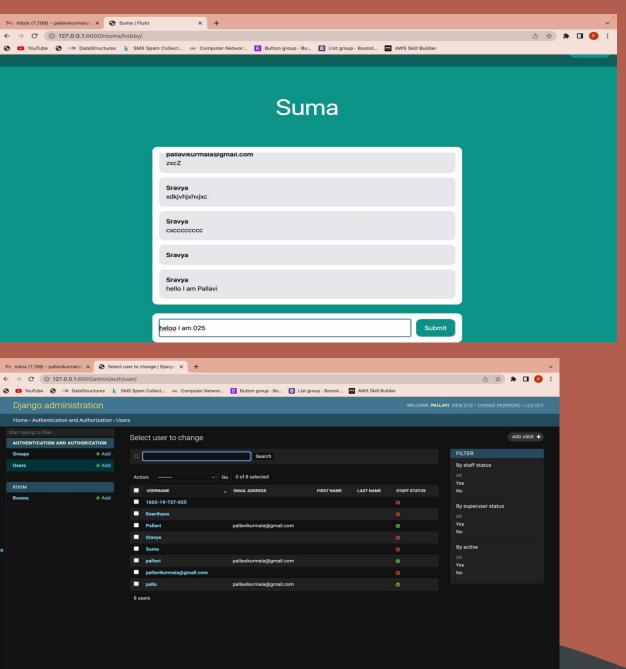
RESULTS

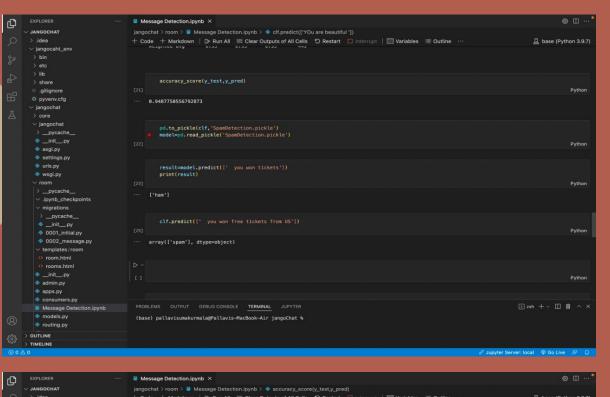


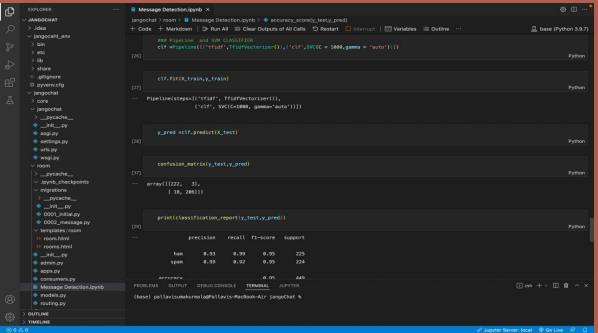




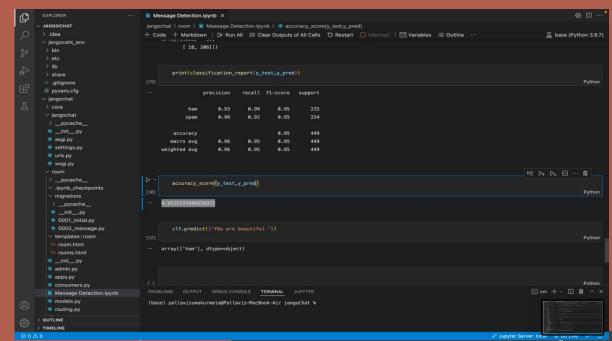


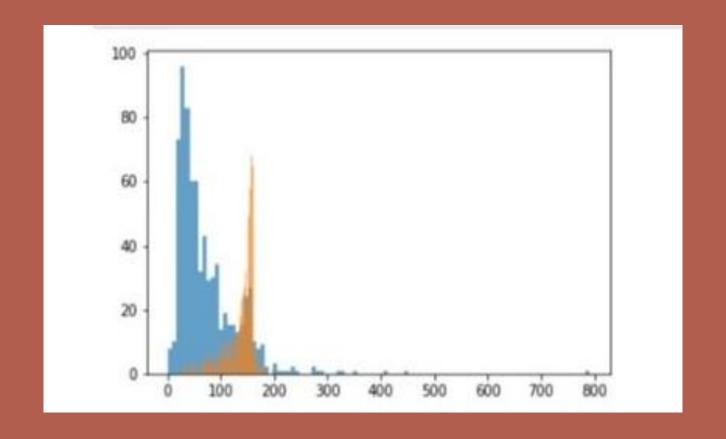




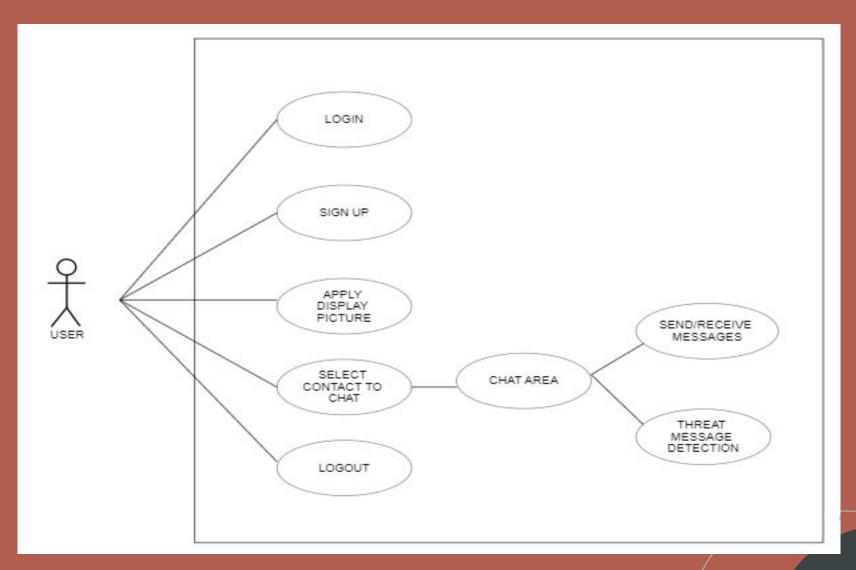


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	wsgi.py		
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		('clf', RandomForestClassifier(n_jobs=-1))])	
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USE CASE DIAGRAM



FUTURE SCOPE

- Including voice messaging, calling.
- Include web search option by long pressing a message and many more.

REFERENCES

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- https://iopscience.iop.org/article/10.1088/1742-6596/1797/1/0
 12017/pdf
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THANK YOU!