

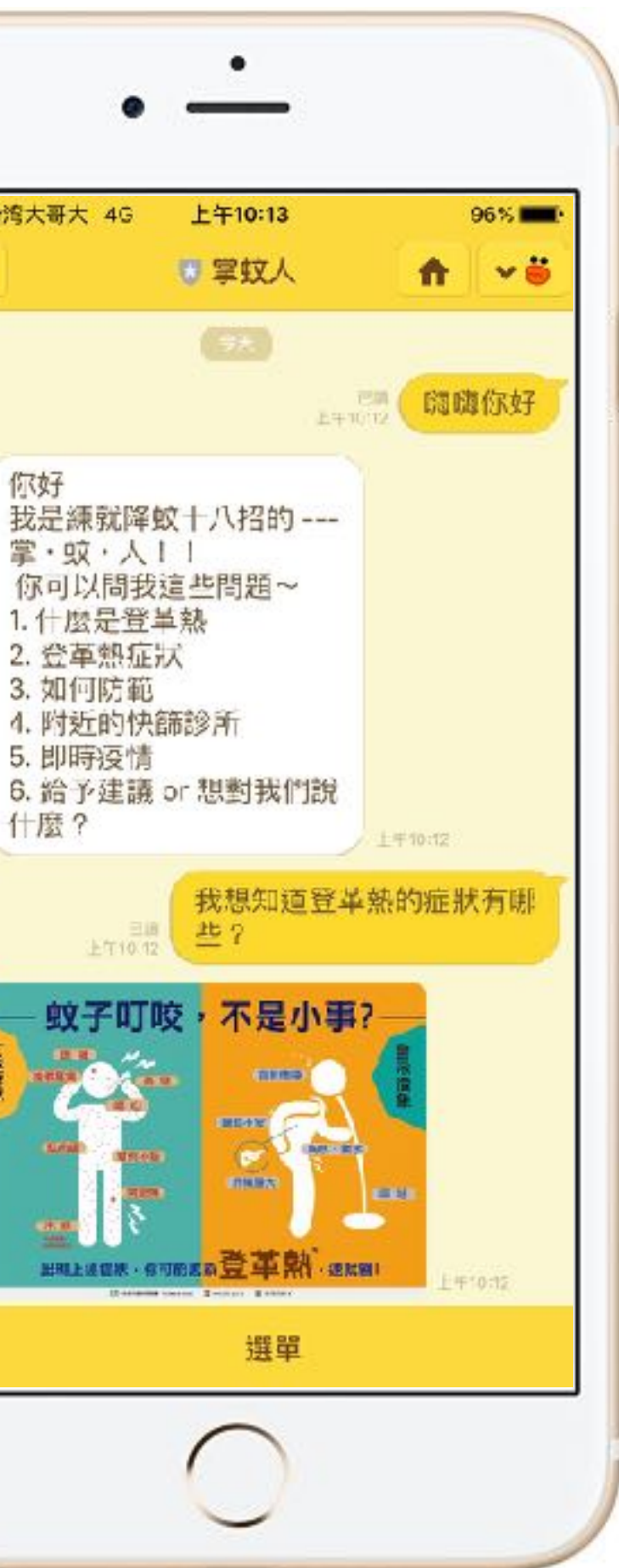


TOC FINAL PROJECT

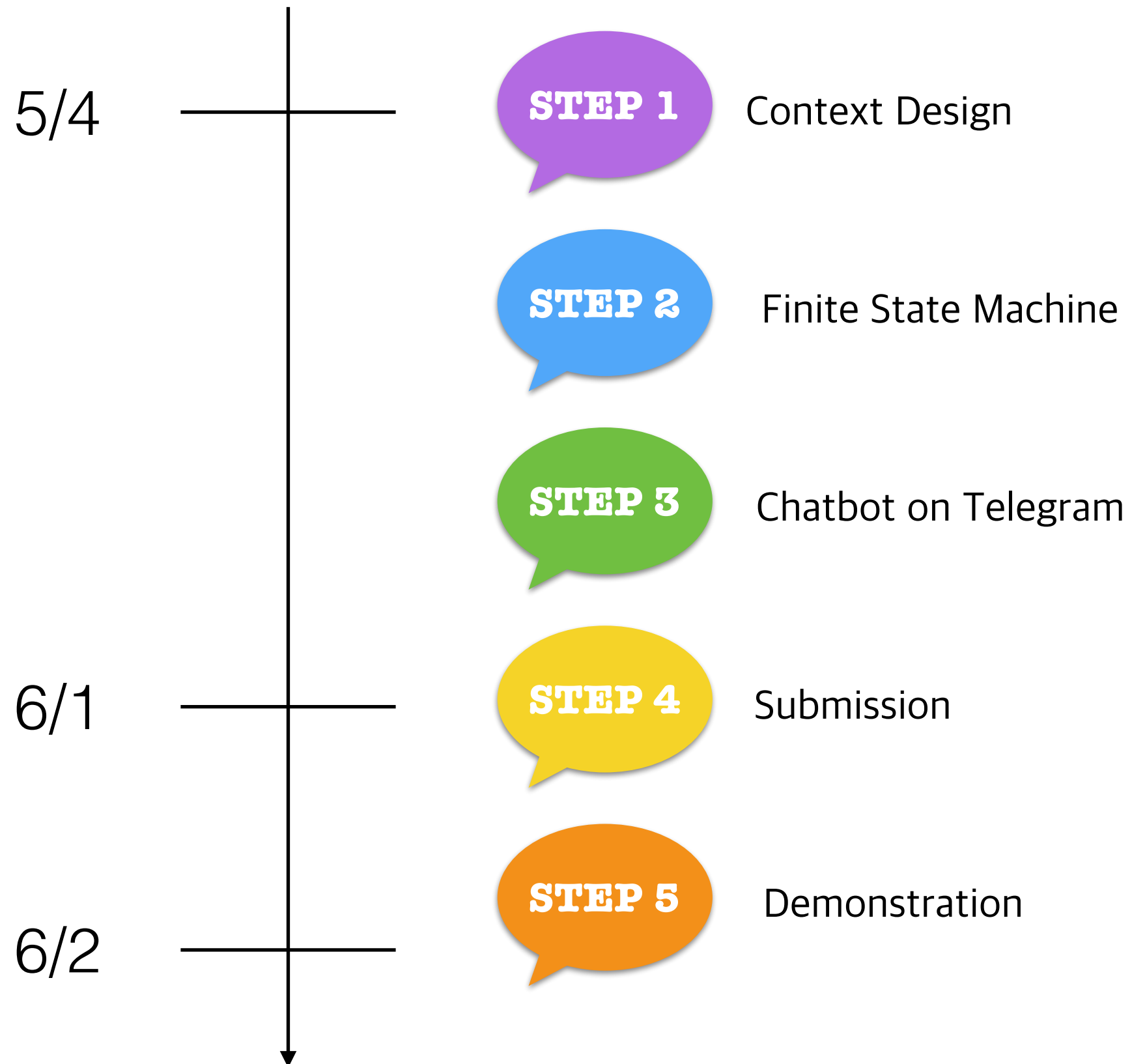
ChatBot

Build a chatbot for a specific usage

implement Finite State Machine in practice



What is chatbot ?



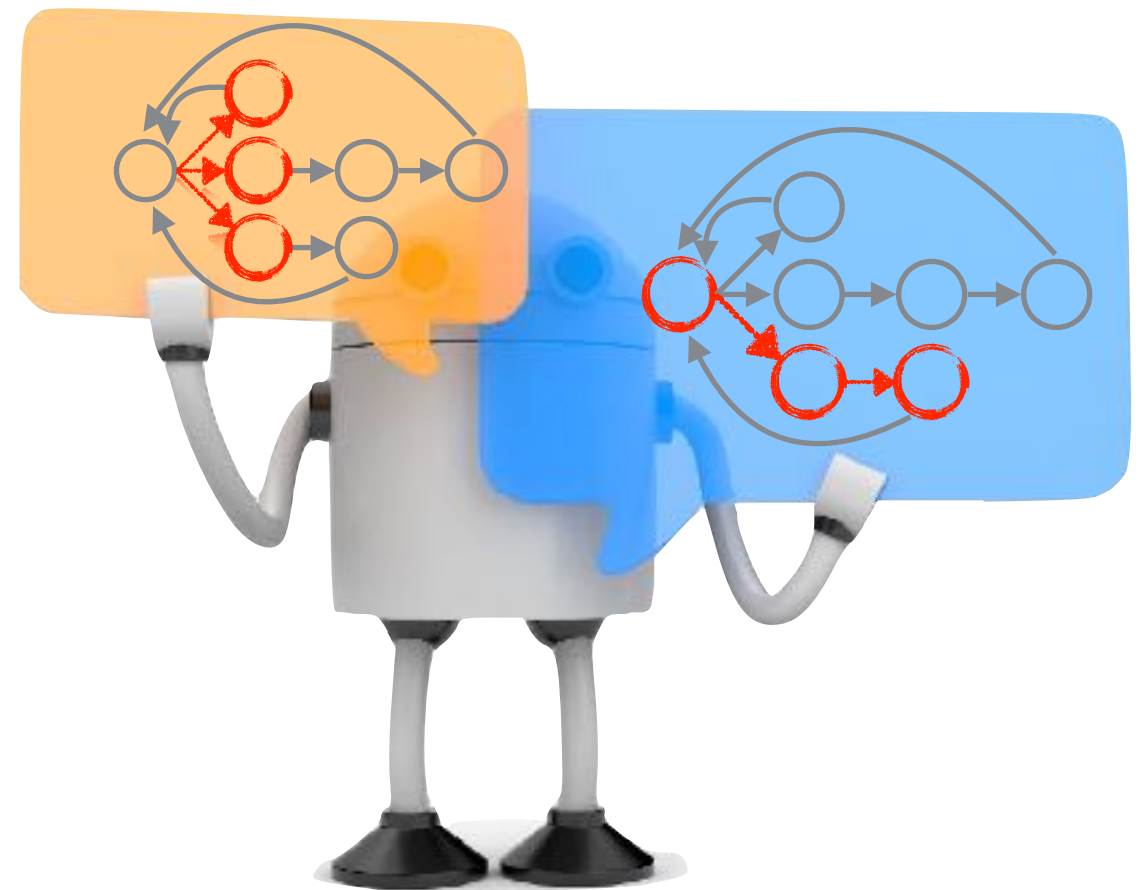
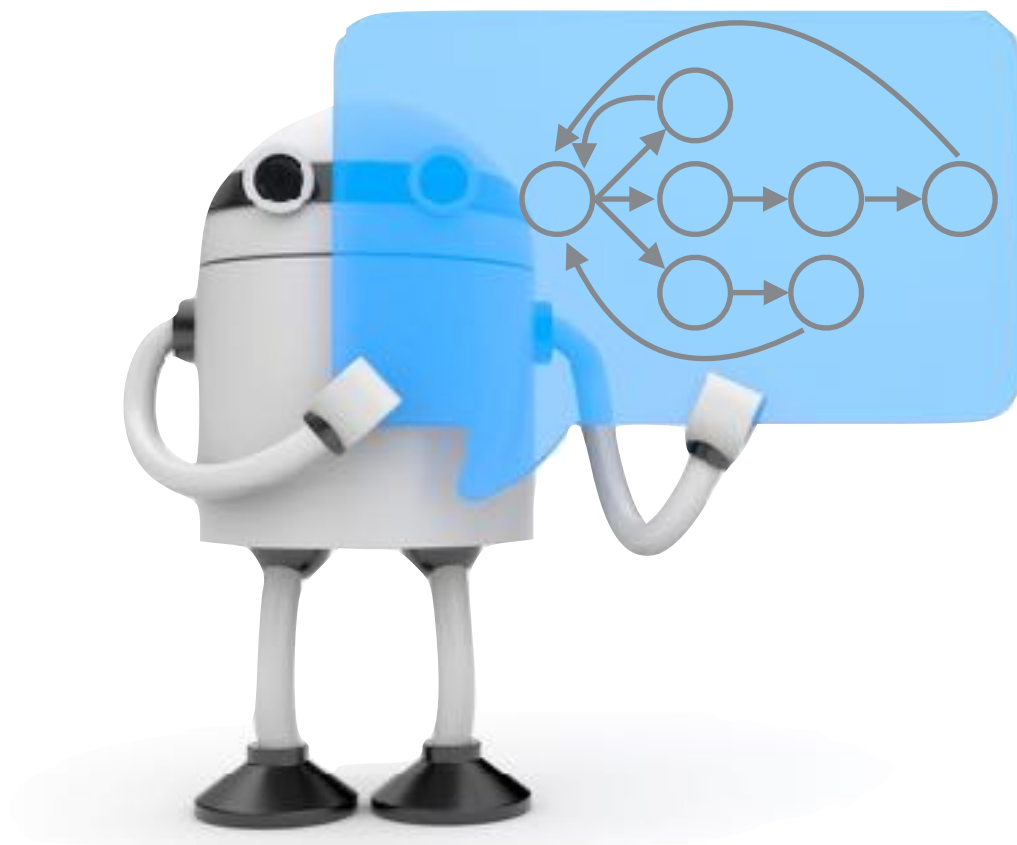
STEP 1

Context Design



STEP 2

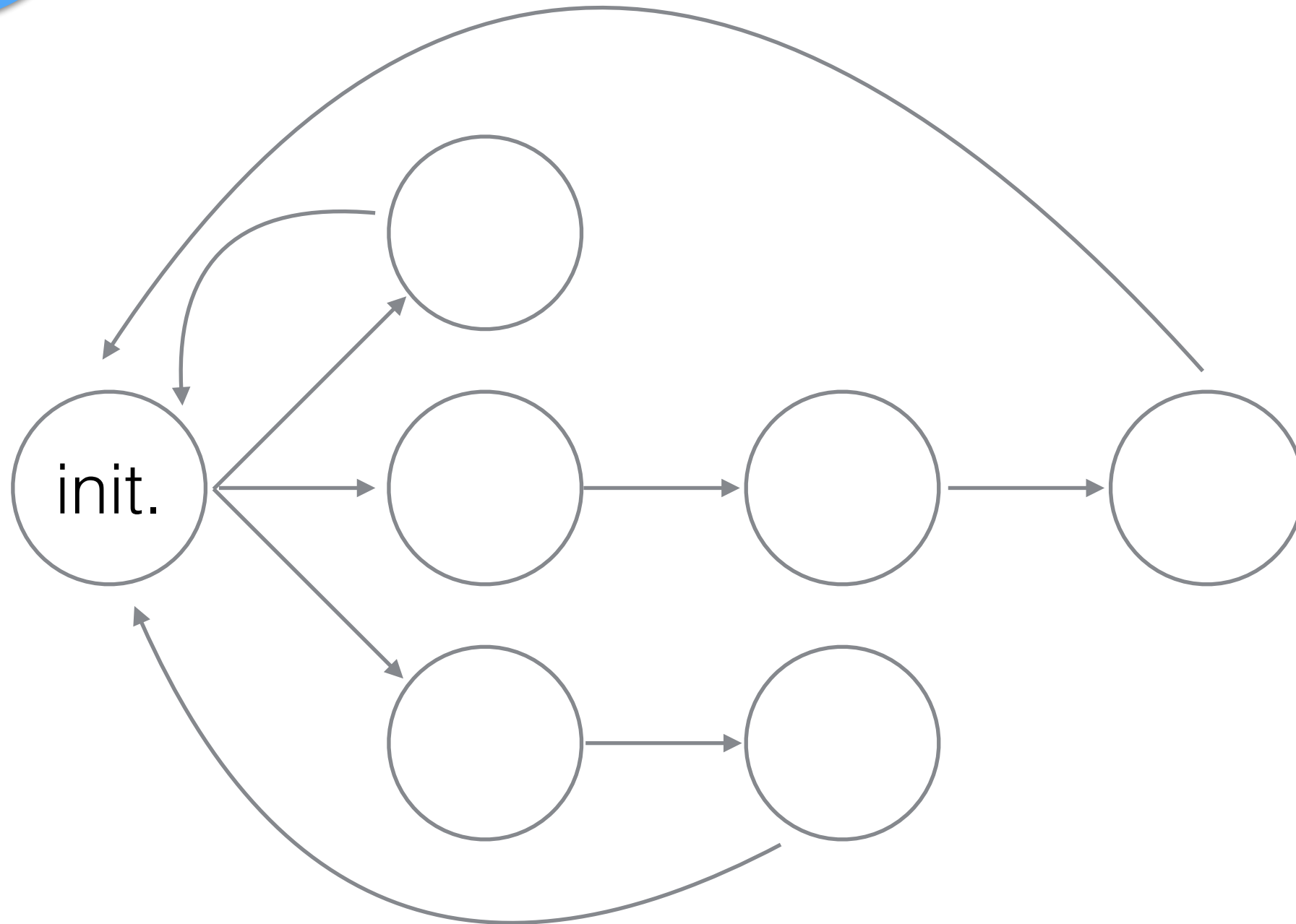
Finite State Machine



keyword : [tyarkoni/transitions](https://tyarkoni.com/transitions)

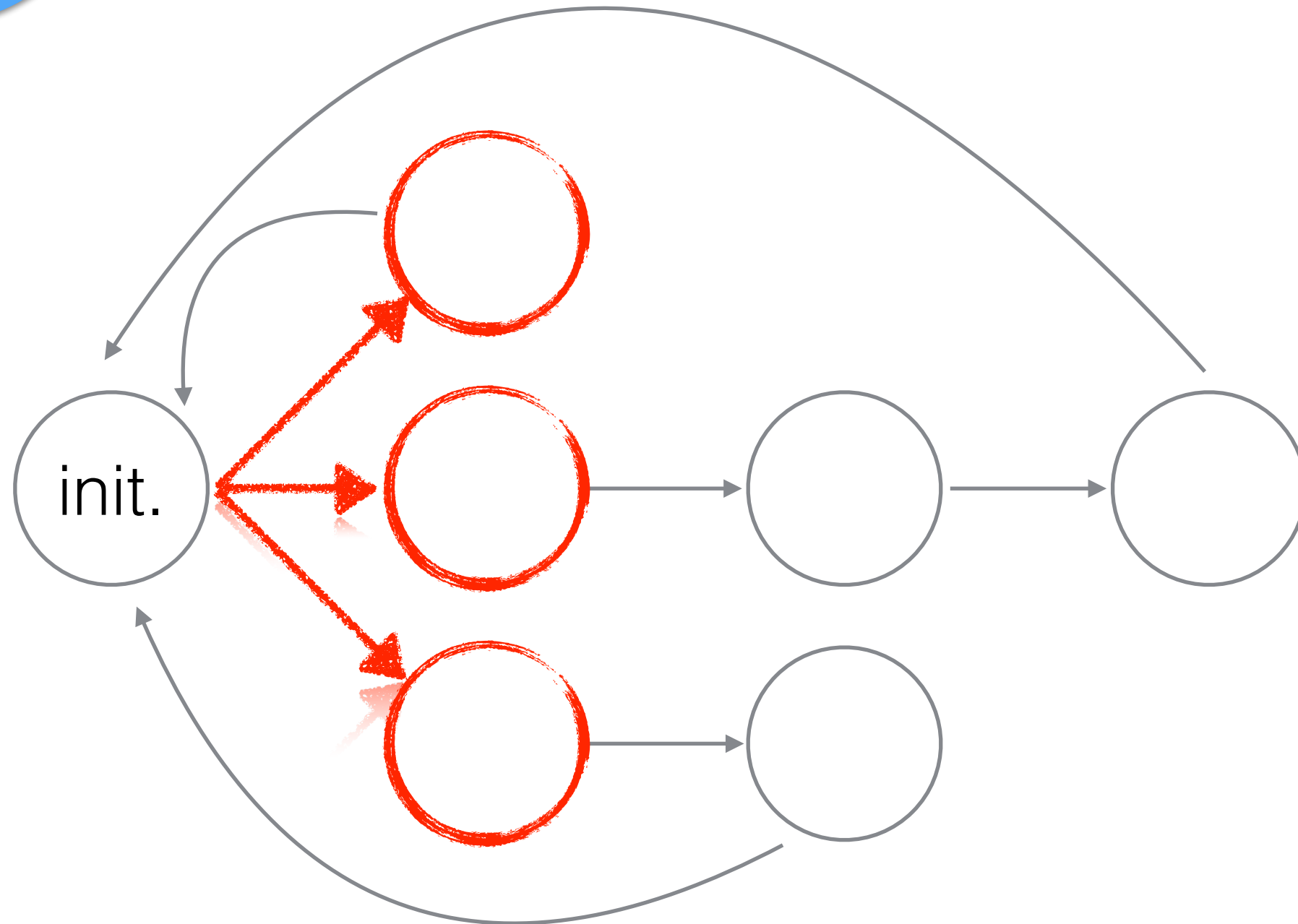
STEP 2

Finite State Machine



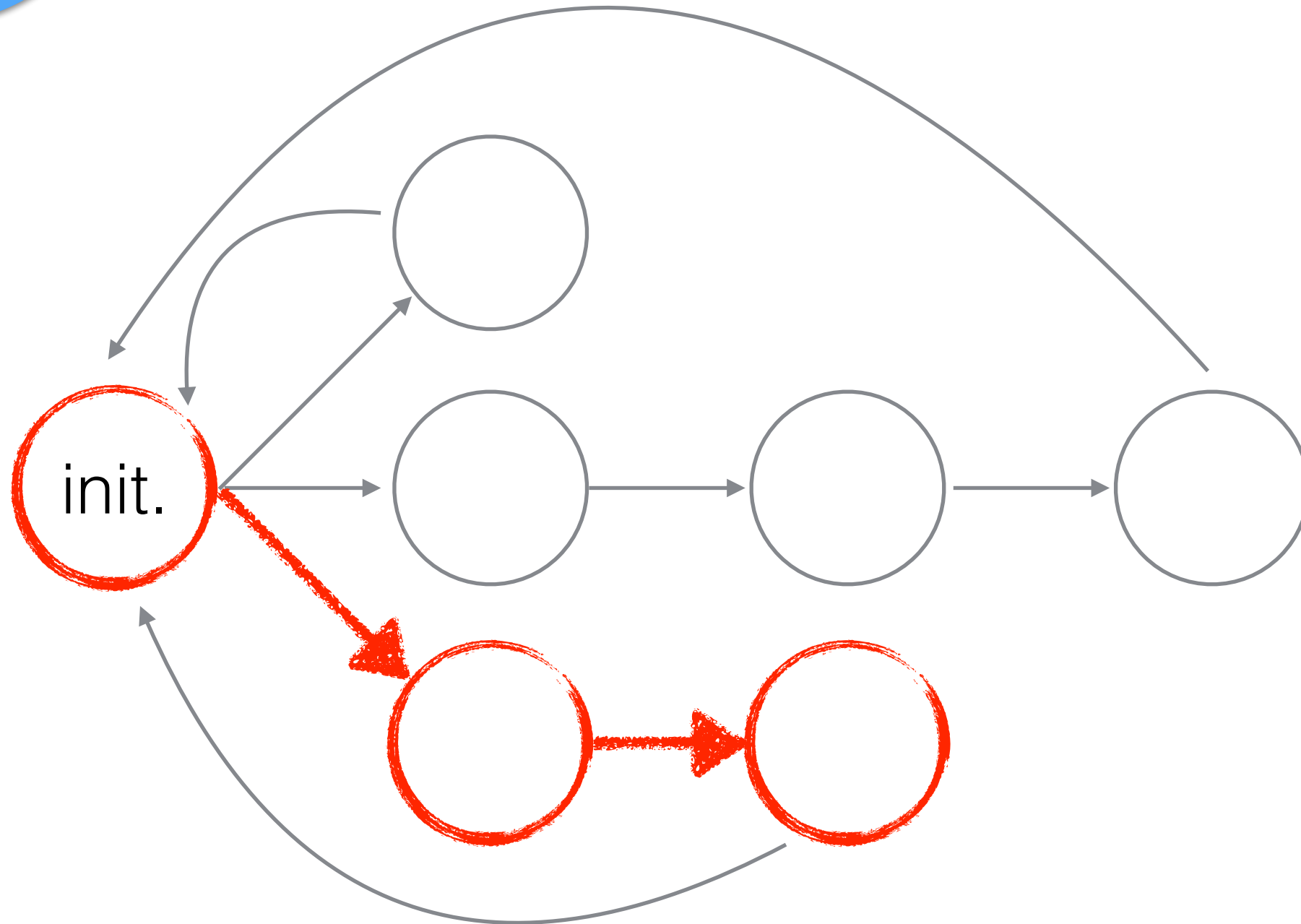
STEP 2

Finite State Machine



STEP 2

Finite State Machine



STEP 3

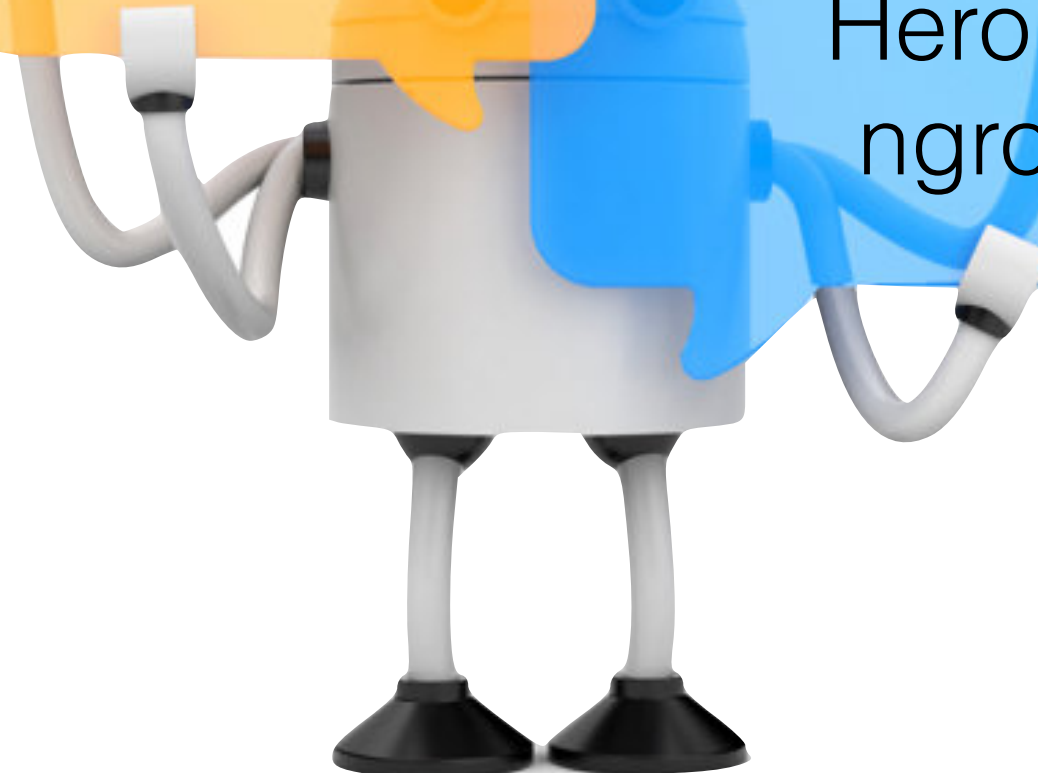
Chatbot on Telegram

Keywords:

Chat Bot
HTTPS server

Backend

Deployment
Heroku
ngrok



STEP 3

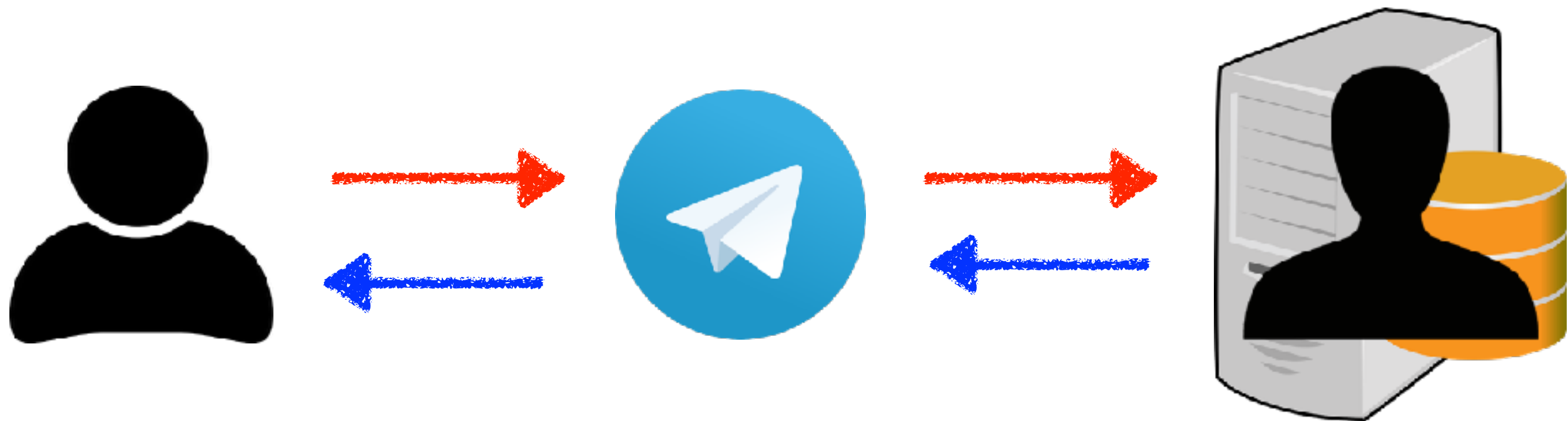
Chatbot on Telegram

facebook.



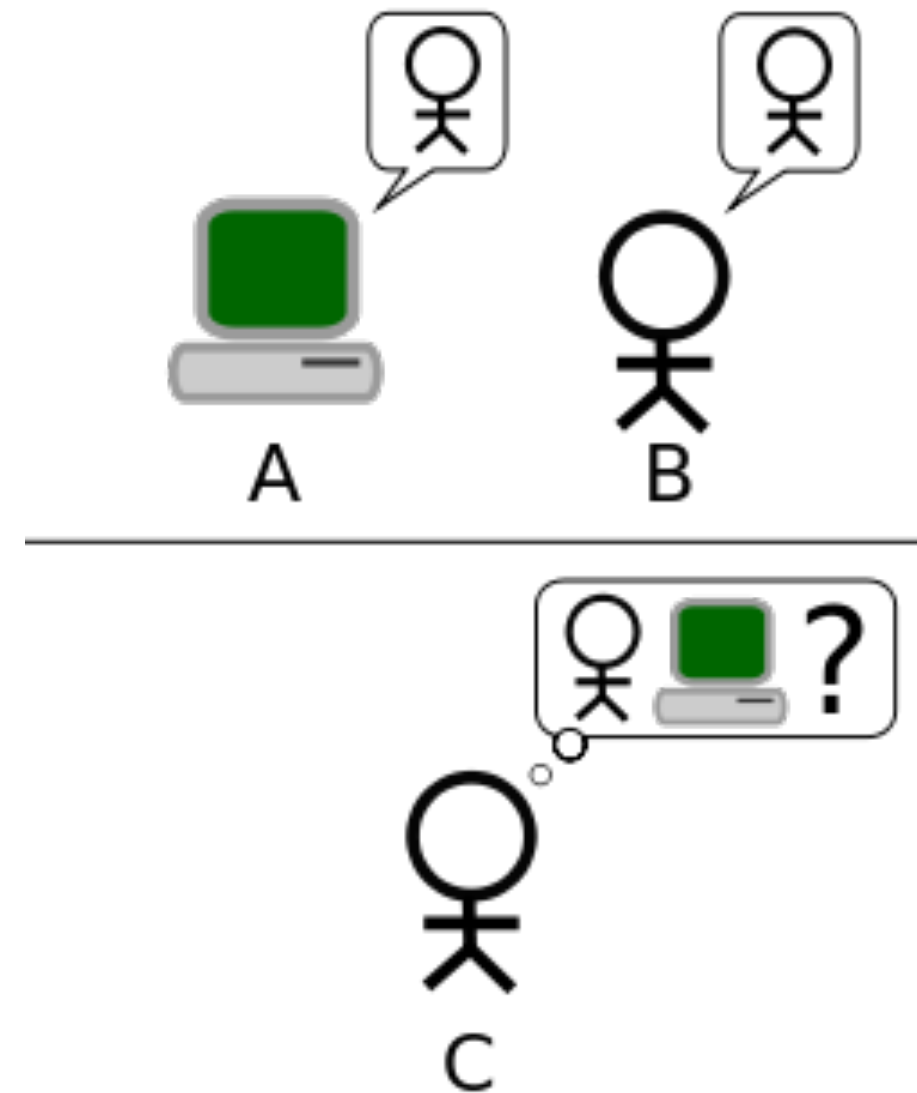
STEP 3

Chatbot on Telegram



STEP 3

Chatbot on Telegram



Turing Test

STEP 3

Chatbot on Telegram



Sanic



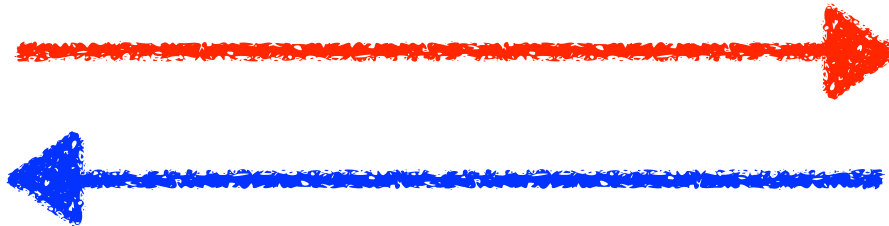
Pyramid™

STEP 3

Chatbot on Telegram



Request

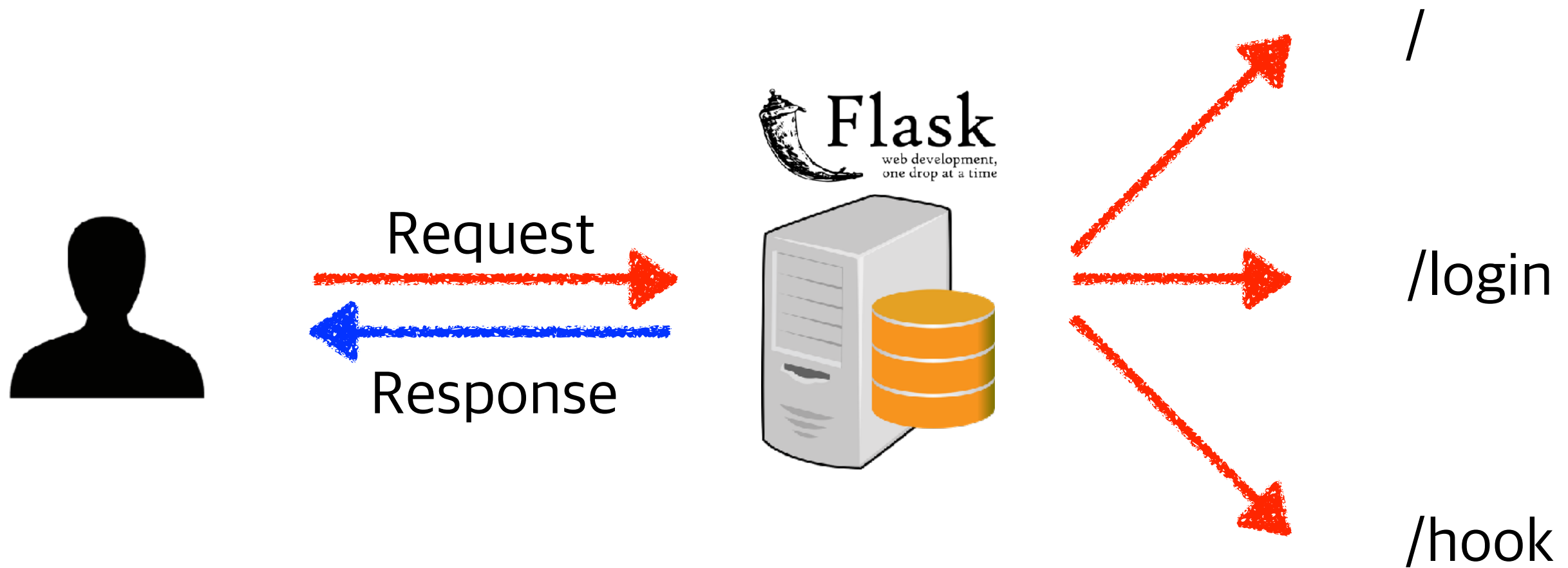


Response



STEP 3

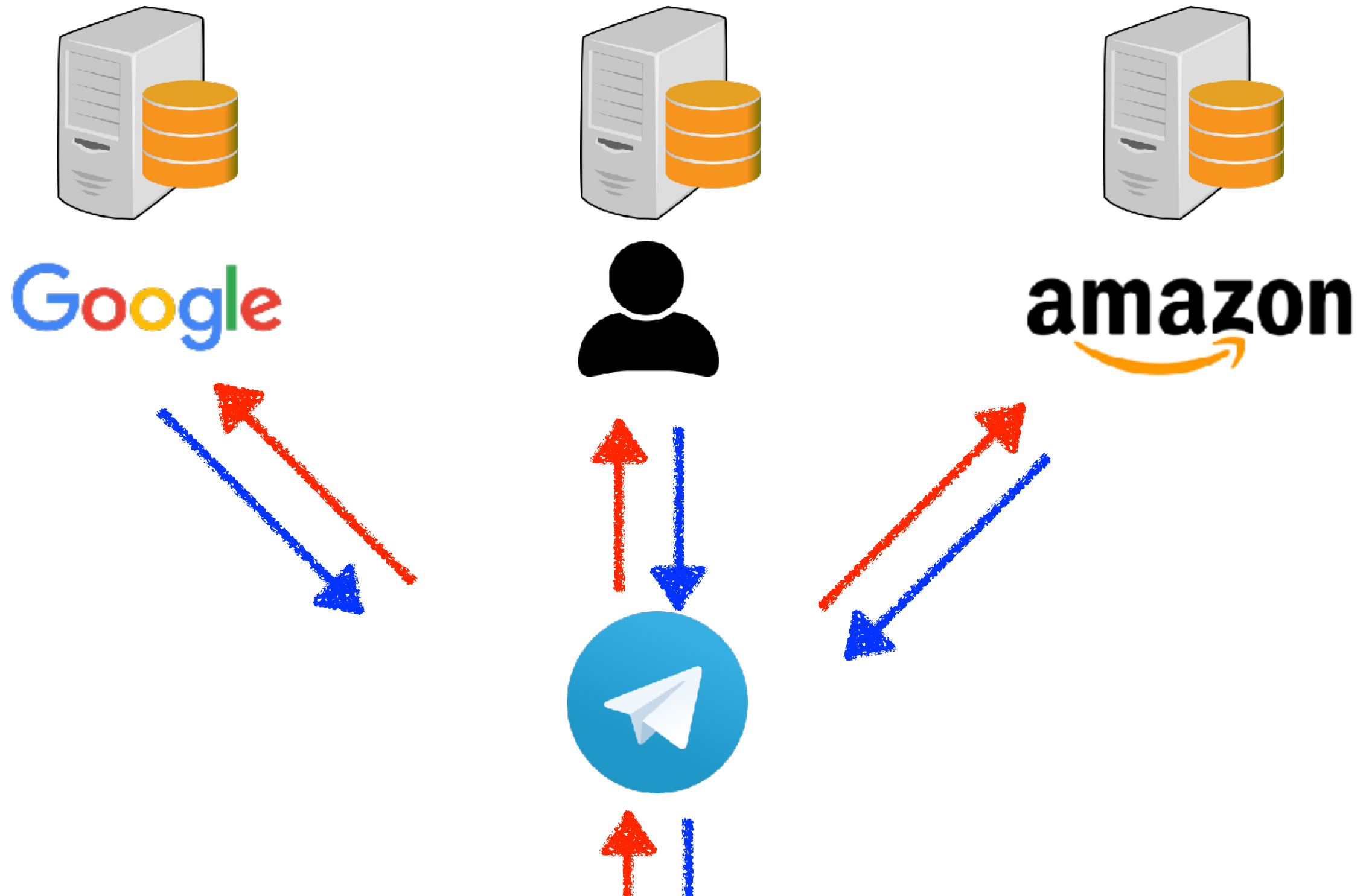
Chatbot on Telegram



<http://you-hostname/login>

STEP 3

Chatbot on Telegram



STEP 3

Chatbot on Telegram

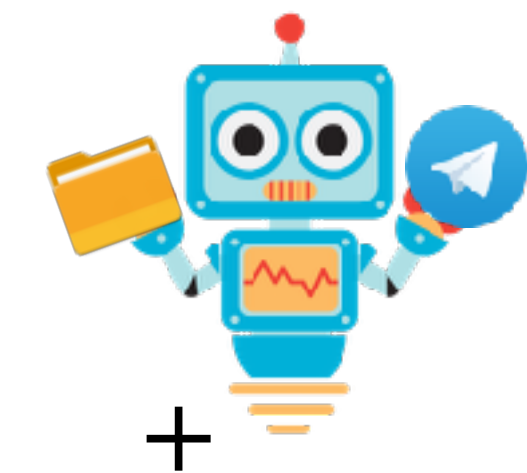
HTTPS Server



ngrok

STEP 4

Submission



README.md

.....^{6/1}.....
15:00-24:00 ▶



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X

Google 
FORMS

STEP 5

Demonstration

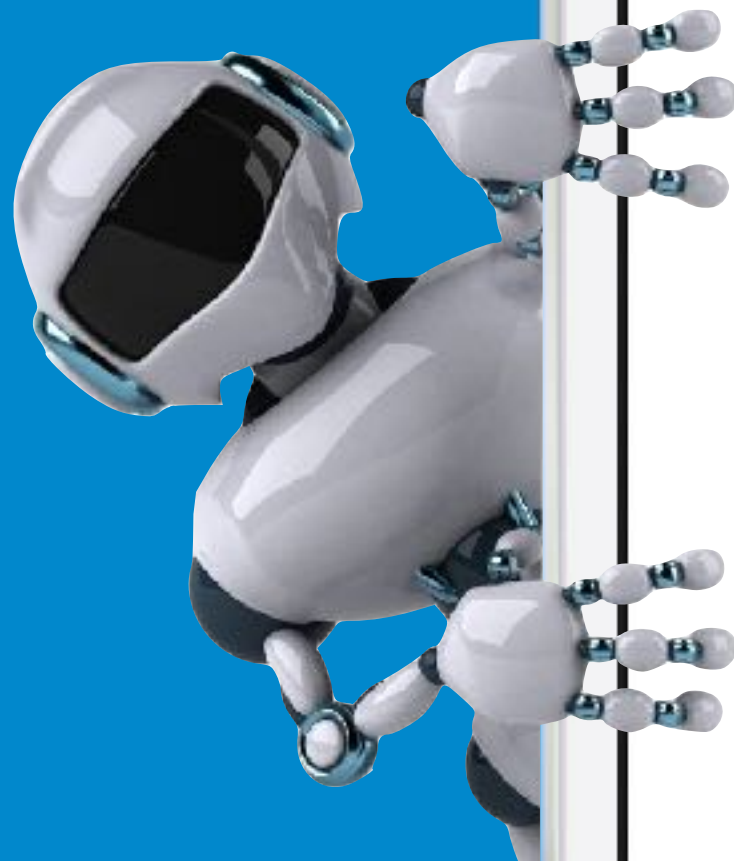


Show your work

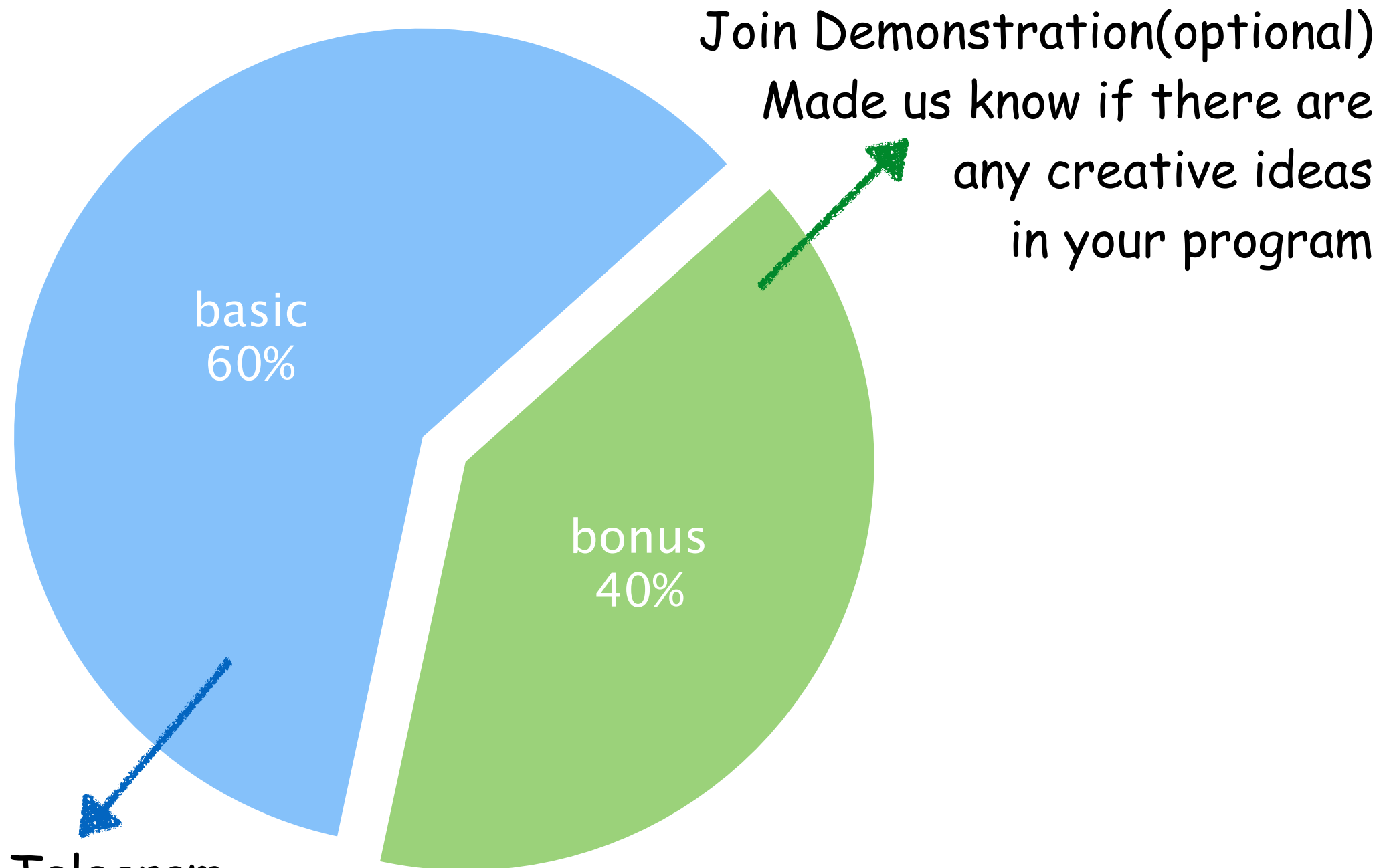


Modify your program

- ◆ Requirement
- ◆ Python 3
- ◆ Telegram



grading



Build a chat on Telegram
Follow all criteria
Submit your program to Github on time

Join Demonstration(optional)
Made us know if there are
any creative ideas
in your program



Finite State Machine



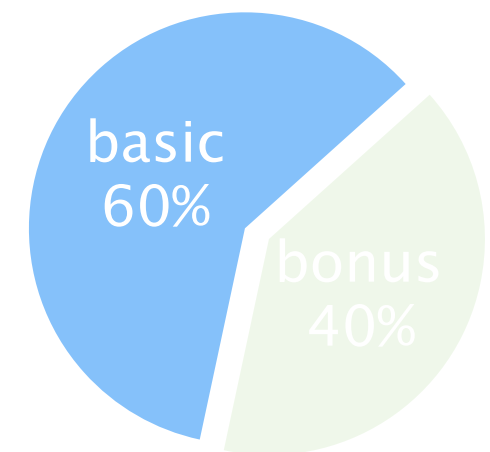
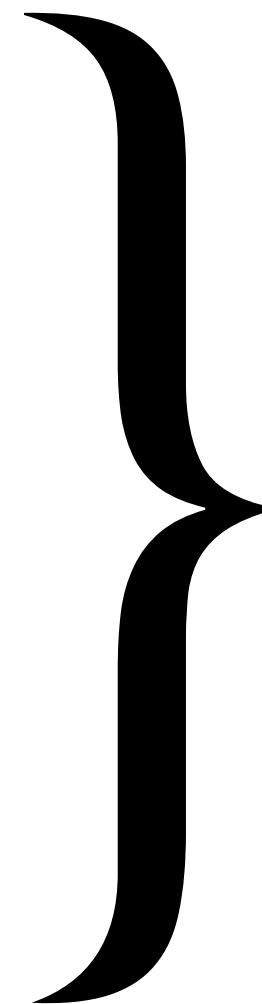
Chatbot on Telegram

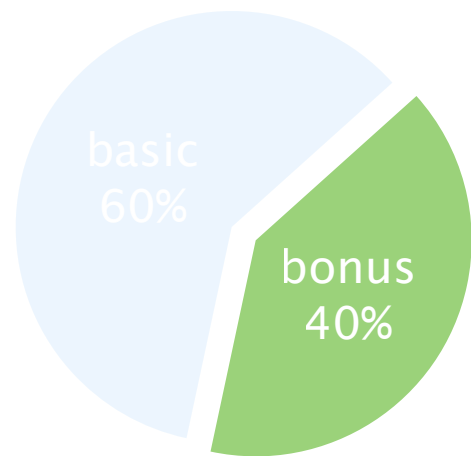


Submission



Demonstration





STEP 2

Finite State Machine

- Practical
- Others

STEP 3

Chatbot on Telegram

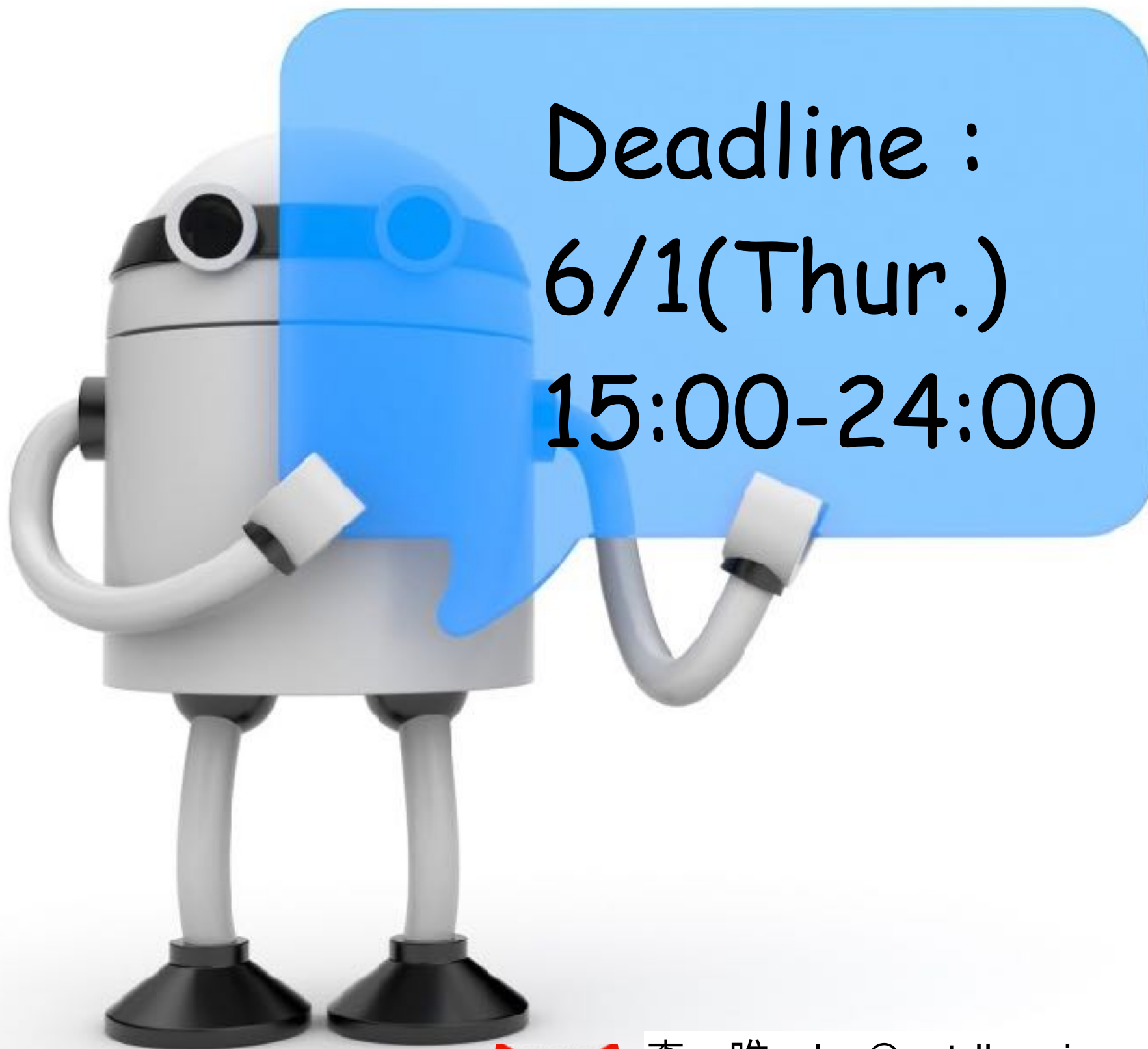
- More telegram functionalities
- Dynamic data
- Natural Language Processing
- Detect dialog
 - use Machine Learning techniques
- Others

STEP 4

Submission

STEP 5

Demonstration



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Supplementary information

- [transitions](#)

- [ngrok](#)

- [heroku](#)

- [python-telegram-bot](#)

- [flask](#)

- [Python3](#)

- [Full Stack Python](#)

