

*Digital Youth Life – Health Platform  
AI Subsystem*

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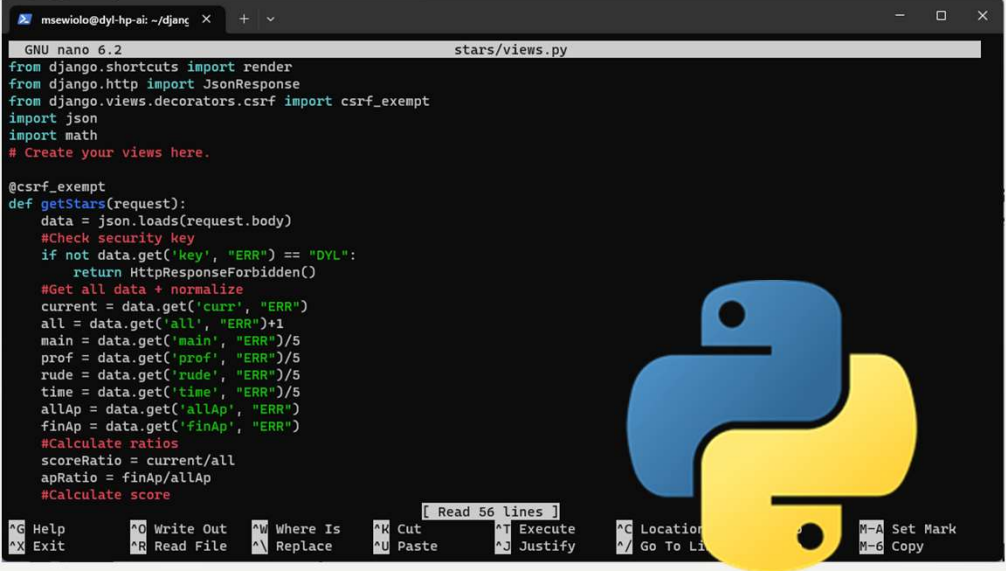
# *My role in project*

I am Mateusz Sewiolo, PhD. student

Speciality: AI systems, python programming

Tasks:

- AI powered, doctor's evaluation system
- Application testing



```
GNU nano 6.2 stars/views.py
from django.shortcuts import render
from django.http import JsonResponse
from django.views.decorators.csrf import csrf_exempt
import json
import math

# Create your views here.

@csrf_exempt
def getStars(request):
    data = json.loads(request.body)
    #Check security key
    if not data.get('key', "ERR") == "DYL":
        return HttpResponseForbidden()
    #Get all data + normalize
    current = data.get('curr', "ERR")
    all = data.get('all', "ERR")+1
    main = data.get('main', "ERR")/5
    prof = data.get('prof', "ERR")/5
    rude = data.get('rude', "ERR")/5
    time = data.get('time', "ERR")/5
    allAp = data.get('allAp', "ERR")
    finAp = data.get('finAp', "ERR")
    #Calculate ratios
    scoreRatio = current/all
    apRatio = finAp/allAp
    #Calculate score
```



# *Doctor's performance score*

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Philosophy behind Staff evaluation:

- Motivate medical staff;
- Discourage cancellation of visits;
- Help user to choose the right doctor/trainer/nutritionist/ect.
- Give feedback mechanism for patients/trainees.

# *After appointment impression screen:*

**Feedback screen**

How do you rate your visit?

Doctors/trainers: Name Surname

Time: \*length of appointment\*

Main score:

Visit length/time:

Staff professionalism:

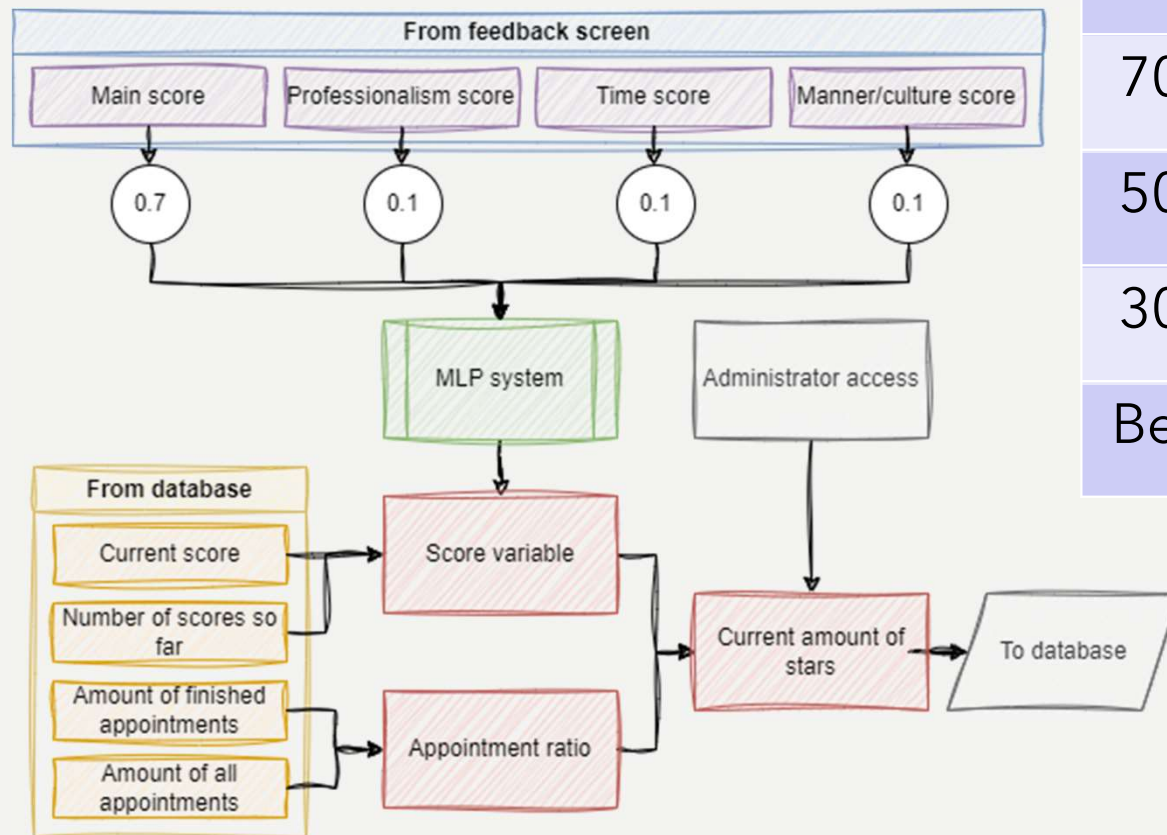
Staff manner:

Text comment:

Picture



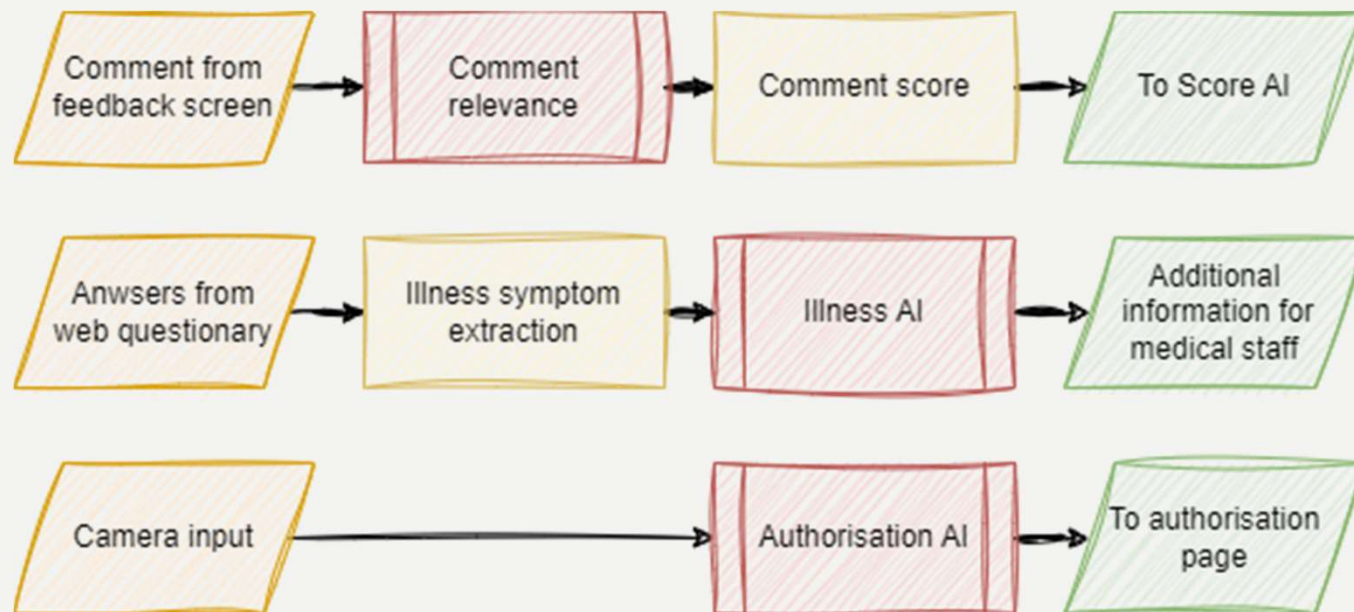
# How do we calculate score?

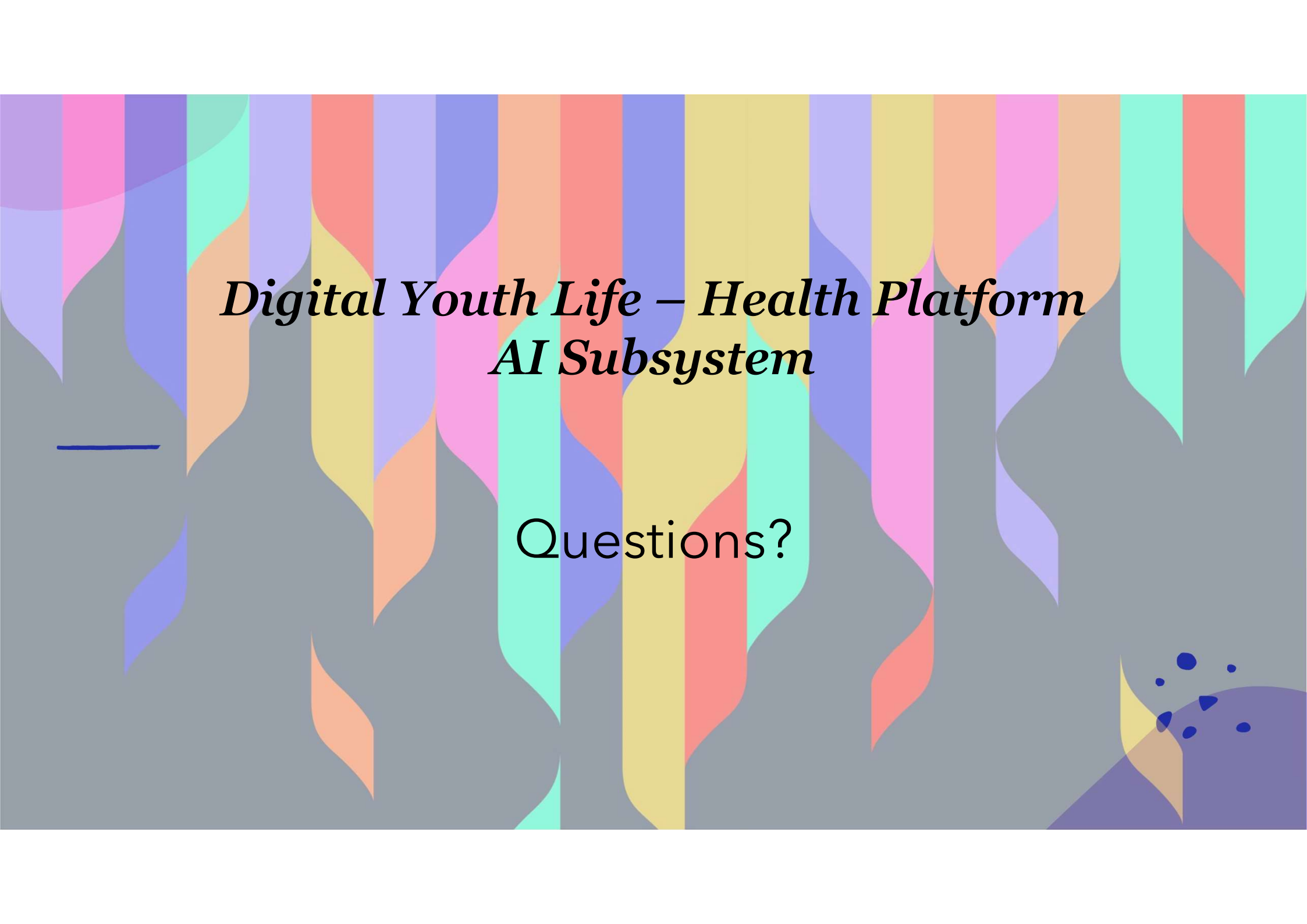


Appointment ratio	Maximum number of stars
Above 90%	☆☆☆☆☆
70% - 90%	☆☆☆☆
50% - 70%	☆☆☆
30% - 50%	☆☆
Below 30%	☆

# *Ideas for future development*

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Questions?



***THANK YOU FOR YOUR  
ATTENTION***

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