



CHACK-1 - Replit

Automatic Health Monitoring S

replit.com/@Lakshmi-tejasri/CHACK-1

CHACK-1

CPU/RAM LIMITED

Stop

Ask AI & search

Invite

PUBLIC

Deploy

2m on 22:17:14, 08/17

main.py

validate_input > ...

Format

Run

Ask AI

2m on 22:17:14, 08/17

Files

patient_reports

main.py

Packager files

.pythonlibs

poetry.lock

pyproject.toml

Tools

Recent

Cloud Services

Deployments

Authentication

Database (Key/Value)

Object Storage

ProtonSQL

1

import os

2

import datetime

3

4

Directory where reports will be stored

5

REPORTS_DIR = "patient_reports"

6

7

Create directory if it does not exist

8

if not os.path.exists(REPORTS_DIR):

9

os.makedirs(REPORTS_DIR)

10

11

Example database of medications, food, exercise, and

12

recommendations

13

health_recommendations = {

14

"Lisinopril": {

15

"usage": "Treats high blood pressure",

16

"food": "Low-sodium diet, more fruits and vegetables",

17

"exercise": "30 minutes of cardio exercise, 5 times a week",

18

"next_step": "Monitor blood pressure regularly. If symptoms

19

persist, consider increasing dosage."

20

},

21

"Metformin": {

22

"usage": "Treats type 2 diabetes",

"food": "Low-carb diet, avoid sugary foods",

"exercise": "Daily 30-minute walk, strength training twice a

Automatic Health Monitoring System

1. Add Diagnosis Report

2. View Diagnosis Reports

3. Search in Diagnosis Reports

4. Exit

Enter your choice: 1

Enter patient name: lakshmi tejasri

Enter diagnosis details: High blood pressure, Type 2 Diabetes

Enter doctor's name: John

Enter medical prescription (separate multiple meds with commas

): Lisinopril, Metformin

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},

21

"Metformin": {

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"exercise": "Daily 30-minute walk, strength training twice a

Automatic Health Monitoring System

1. Add Diagnosis Report

2. View Diagnosis Reports

3. Search in Diagnosis Reports

4. Exit

Enter your choice: 1

Enter patient name: lakshmi tejasri

Enter diagnosis details: High blood pressure, Type 2 Diabetes

Enter doctor's name: John

Enter medical prescription (separate multiple meds with commas

): Lisinopril, Metformin

Diagnosis report for lakshmi tejasri has been updated.

Health Plan Recommendations:

- Lisinopril, Metformin: No specific recommendations available.

Automatic Health Monitoring System

1. Add Diagnosis Report

2. View Diagnosis Reports

3. Search in Diagnosis Reports

4. Exit

Enter your choice: 1

CHOICE - 2(viewing reports):

```
1 import os
2 import datetime
3
4 # Directory where reports will be stored
5 REPORTS_DIR = "patient_reports"
6
7 # Create directory if it does not exist
8 if not os.path.exists(REPORTS_DIR):
9     os.makedirs(REPORTS_DIR)
10
11 # Example database of medications, food, exercise, and recommendations
12 health_recommendations = {
13     "Lisinopril": {
14         "usage": "Treats high blood pressure",
15         "food": "Low-sodium diet, more fruits and vegetables",
16         "exercise": "30 minutes of cardio exercise, 5 times a week",
17         "next_step": "Monitor blood pressure regularly. If symptoms persist, consider increasing dosage."
18     },
19     "Metformin": {
20         "usage": "Treats type 2 diabetes",
21         "food": "Low-carb diet, avoid sugary foods",
22         "exercise": "Daily 30-minute walk, strength training twice a week"
23     }
24 }
```

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 1

Enter patient name: lakshmi tejasri

Enter diagnosis details: High blood pressure, Type 2 Diabetes

Enter doctor's name: John

Enter medical prescription (separate multiple meds with commas): Lisinopril, Metformin

Diagnosis report for lakshmi tejasri has been updated.

Health Plan Recommendations:

- Lisinopril, Metformin: No specific recommendations available.

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 2

Enter patient name: lakshmi tejasri

```
5 REPORTS_DIR = "patient_reports"
6
7 # Create directory if it does not exist
8 if not os.path.exists(REPORTS_DIR):
9     os.makedirs(REPORTS_DIR)
10
11 # Example database of medications, food, exercise, and recommendations
12 health_recommendations = {
13     "Lisinopril": {
14         "usage": "Treats high blood pressure",
15         "food": "Low-sodium diet, more fruits and vegetables",
16         "exercise": "30 minutes of cardio exercise, 5 times a week",
17         "next_step": "Monitor blood pressure regularly. If symptoms persist, consider increasing dosage."
18     },
19     "Metformin": {
20         "usage": "Treats type 2 diabetes",
21         "food": "Low-carb diet, avoid sugary foods",
22         "exercise": "Daily 30-minute walk, strength training twice a week"
23     }
24 }
```

Health Plan Recommendations:

- Lisinopril, Metformin: No specific recommendations available.

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 2

Enter patient name: lakshmi tejasri

Diagnosis reports for lakshmi tejasri:

Date: 2024-08-17

Doctor: John

Diagnosis: High blood pressure, Type 2 Diabetes

Prescription: Lisinopril, Metformin

- Consider increasing Lisinopril dosage if blood pressure remains uncontrolled.
- If blood sugar levels are not stable, consider adding insulin or another medication.

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 1

RECORD-2

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main.py

```
5 REPORTS_DIR = "patient_reports"
6
7 # Create directory if it does not exist
8 if not os.path.exists(REPORTS_DIR):
9     os.makedirs(REPORTS_DIR)
10
11 # Example database of medications,
12 # food, exercise, and recommendations
13 health_recommendations = {
14     "Lisinopril": {
15         "usage": "Treats high blood
16         pressure",
17         "food": "Low-sodium diet, more
18         fruits and vegetables",
19         "exercise": "30 minutes of
20         cardio exercise, 5 times a week",
21         "next_step": "Monitor blood
22         pressure regularly. If symptoms
23         persist, consider increasing dosage."
24     },
25     "Metformin": {
26         "usage": "Treats type 2
27         diabetes",
28         "food": "Low carb diet, avoid
```

Automatic Health Monitoring System

1. Add Diagnosis Report

2. View Diagnosis Reports

3. Search in Diagnosis Reports

4. Exit

Enter your choice: 1

Enter patient name: mary

Enter diagnosis details: Obesity, High Cholesterol

Enter doctor's name: murthy

Enter medical prescription (separate multiple meds with commas):

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Automatic Health Monitoring S

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main.py

```
5 REPORTS_DIR = "patient_reports"
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15         "usage": "Treats high blood
16         pressure",
17         "food": "Low-sodium diet, more
18         fruits and vegetables",
19         "exercise": "30 minutes of
20         cardio exercise, 5 times a week",
21         "next_step": "Monitor blood
22         pressure regularly. If symptoms
23         persist, consider increasing dosage."
24     },
25     "Metformin": {
26         "usage": "Treats type 2
27         diabetes",
28         "food": "Low carb diet, avoid
```

Automatic Health Monitoring System

1. Add Diagnosis Report

2. View Diagnosis Reports

3. Search in Diagnosis Reports

4. Exit

Enter your choice: 1

Enter patient name: mary

Enter diagnosis details: Obesity, High Cholesterol

Enter doctor's name: murthy

Enter medical prescription (separate multiple meds with commas): Atorvastatin, Lifestyle Changes(diet and exercise)

```
5 REPORTS_DIR = "patient_reports"
6
7 # Create directory if it does not exist
8 if not os.path.exists(REPORTS_DIR):
9     os.makedirs(REPORTS_DIR)
10
11 # Example database of medications, food, exercise, and recommendations
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13     "Lisinopril": {
14         "usage": "Treats high blood
15         pressure",
16         "food": "Low-sodium diet, more
17         fruits and vegetables",
18         "exercise": "30 minutes of
19         cardio exercise, 5 times a week",
20         "next_step": "Monitor blood pressure regularly.
21         If symptoms persist, consider increasing dosage."
22     },
23     "Metformin": {
24         "usage": "Treats type 2 diabetes",
25         "food": "Low-carb diet, avoid sugary foods",
26         "exercise": "Daily 30-minute walk, strength
27         training twice a week",
28         "next_step": "Monitor blood sugar levels. If not
29         controlled, consider adding another medication"
```

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 1
Enter patient name: mary
Enter diagnosis details: Obesity, High Cholesterol
Enter doctor's name: murthy
Enter medical prescription (separate multiple meds with commas): Atorvastatin, Lifestyle Changes(diet and exercise)
Diagnosis report for mary has been updated.

Health Plan Recommendations:

- Atorvastatin: No specific recommendations available.
- Lifestyle Changes(diet and exercise): No specific recommendations available.

DIRECTORY(RECORD OF REPORTS):

```
7 # Create directory if it does not exist
8 if not os.path.exists(REPORTS_DIR):
9     os.makedirs(REPORTS_DIR)
10
11 # Example database of medications, food, exercise, and recommendations
12 health_recommendations = {
13     "Lisinopril": {
14         "usage": "Treats high blood pressure",
15         "food": "Low-sodium diet, more fruits and
16         vegetables",
17         "exercise": "30 minutes of cardio exercise, 5
18         times a week",
19         "next_step": "Monitor blood pressure regularly.
20         If symptoms persist, consider increasing dosage."
21     },
22     "Metformin": {
23         "usage": "Treats type 2 diabetes",
24         "food": "Low-carb diet, avoid sugary foods",
25         "exercise": "Daily 30-minute walk, strength
26         training twice a week",
27         "next_step": "Monitor blood sugar levels. If not
28         controlled, consider adding another medication"
```

Automatic Health Monitoring System

1. Add Diagnosis Report
2. View Diagnosis Reports
3. Search in Diagnosis Reports
4. Exit

Enter your choice: 1
Enter patient name: SU SMITHA
Enter diagnosis details: Chronic Migraine
Enter doctor's name: Sam
Enter medical prescription (separate multiple meds with commas): Topiramate, Magnesium supplements
Diagnosis report for SU SMITHA has been updated.

Health Plan Recommendations:

- Topiramate, Magnesium supplements: No specific recommendations available.