

CSE 326

INFORMATION SYSTEM DESIGN

1. 1705001 – Kowshic Roy
2. 1705002 – Sheikh Azizul Hakim
3. 1705003 – Mahdi Hasnat Siyam
4. 1705008 – Sheikh Saifur Rahman Jony
5. 1705015 – Zaber Ibn Abdul Hakim
6. 1705024 – Khandokar Md. Rahat Hossain

How are you?

A Mental Health Screening Tool



HOME

Home

- ▶ Visitor
- ▶ Patient
- ▶ Psychiatrist

Home

- ▶ Visitor
- ▶ Patient
- ▶ Psychiatrist



Autism Tests

Are you experiencing the most common symptoms of autism? Find out using our Autism tests.

OCD Tests

Suffering from obsessive thoughts or compulsive behavior? Take a tour to our OCD tests.

Orthorexia Tests

Having eating disorders in a healthy way? Find out using our Orthorexia test.

PTSD Tests

Any horrible course of events that are still terrifying you? Find out through our PTSD tests.

STATISTICS





TRENDS AND STATISTICS

[Autism Trends](#)

[OCD Trends](#)

[Depression Trends](#)

[PTSD Trends](#)

[Psychotic Trends](#)

[Orthorexia Trends](#)

[Binge Eating Trends](#)

[Stress Trends](#)



PTSD Trends

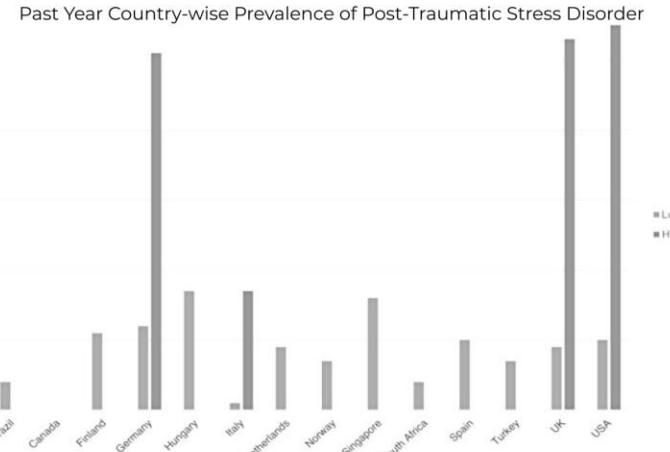
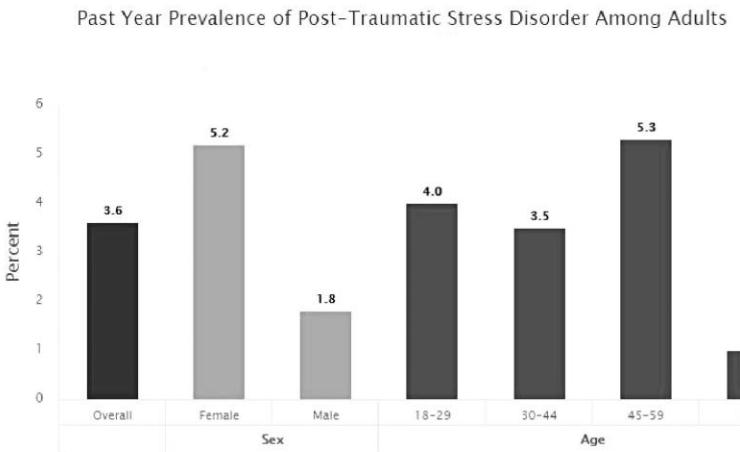
Last Month

9236
Tests

5647
Confirmed

4775
Medicated

3564
Recovered





LOGIN



Sometimes things happen that are outside your control.

- a serious accident or injury
- a natural calamity
- a physical or sexual assault
- a war
- seeing someone being hurt
- having a loved one die

Have you ever experienced something like this?

If YES, take a tour to our

Source:

PC-PTSSD is in Public Domain

<https://www.ptsd.va.gov>

DSM-5 Manual by The American Psychiatric Association is available at

<https://www.psychiatry.org/psychiatrists/practice/dsm>

Login

Email or Username

Password



[Forgot Password?](#)

[LOG IN](#)

No account? [Create one](#)

SIGNUP





Sometimes things happen that are outside your control.

- a serious accident or injury
- a natural calamity
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Signup

Signup as

Patient

Psychiatrist

NEXT

[Back to Login](#)



Sometimes things have happened to you that were traumatic. For example :

- a serious accident
- a natural calamity
- a physical or sexual assault
- a war
- seeing someone being hurt
- having a loved one die

Have you ever experienced something like this?

If YES, take a tour to

Source:
PC-PTSSD is in Public Domain
<https://www.ptsd.va.gov>

DSM-5 Manual by The American Psychiatric Association
<https://www.psychiatry.org>

Signup

[X](#)

First Name

Last Name

Email

Password

[?](#)

Optional

Cell

Date of birth

[Edit](#)

Gender

[▼](#)

Upload a profile photo

[↑](#)[SIGN UP](#)[Back to Login](#)



Sometimes things ha

- a serious accident
- a natural calamity
- a physical or sexual assault
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Signup

First Name

Last Name

Email

Cell

Password

Specialty

Optional

Upload a profile photo

SIGN UP

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Home

- ▶ Visitor
- ▶ Patient
- ▶ Psychiatrist



JD

Notifications

Autism Tests

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OCD Tests

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Orthorexia Tests

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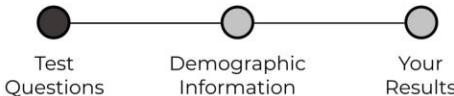
PTSD Tests

Any horrible course of events that are still terrifying you? Find out through our PTSD tests.



JD

PTSD Tests



1. Feeling detached from people, activities or surroundings?

YES

NO

2. Thoughts of actually hurting yourself?

- None
- Slight
- Mild
- Moderate
- Severe



NEXT



PTSD Tests



Please take a moment to answer the following **optional** questions. Your answers help us provide better information and support for people like you.

About You

Age Range

18-24



Gender

MALE

FEMALE

OTHERS

About Your Mental Health

Have you ever been diagnosed with a mental health condition by a professional?

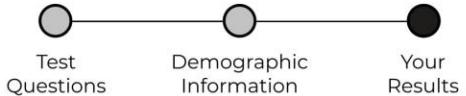
YES

NO

VIEW RESULTS



PTSD Tests



Thank You!

Your initial score and responses are forwarded to the psychiatrists team.
You would be suggested any help or specialists if needed.
Please keep an eye on your Notifications tab for any new updates.

BACK TO HOME

Home

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How are you?
A Mental Health Screening Tool

Trends and Statistics

About Us



KE

Consultation Requests 

PATIENT SCORES AND RESPONSES

UPDATE QUESTIONNAIRE

REQUEST FILES FROM PATIENTS

ACTIONS





PSYCHIATRIST

Psychiatrist Actions

- ▶ Receive Patient Scores and Responses
- ▶ Consultation Requests
- ▶ Request Files from Patients
- ▶ Update Questionnaire

Psychiatrist Actions

- ▶ Receive Patient Scores and Responses
- ▶ Consultation Requests
- ▶ Request Files from Patients
- ▶ Update Questionnaire

- ▶ Psychiatrist checks patient responses and suggests appropriate specialists



PATIENT SCORES AND RESPONSES

Patient Name	System Scores	Responses	Suggest Psychiatrists
Audrey McKinney	PTSD Positive	<button>Show Responses</button>	<button>Suggest</button>
Stella Warren	PTSD Positive	<button>Show Responses</button>	<button>Suggest</button>
John Doe	PTSD Negative	<button>Show Responses</button>	<button>Suggest</button>
Brian Smith	PTSD Positive	<button>Show Responses</button>	<button>Suggest</button>
Trent Alexander	PTSD Negative	<button>Show Responses</button>	<button>Suggest</button>



Suggest Psychiatrist(s) for Stella Warren



Adolescent

- Marvin McCoy
- Benedict Cumberbatch

Geriatric

- Arlene Steward
- Kevin De Bruyne

Send

- ▶ Patient receives psychiatrist verifications through Notifications

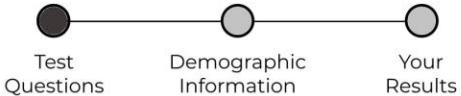


VERIFIED REPORTS

COUNSELING APPROVALS

SUGGESTED MEDICATIONS

PTSD Tests



1. Feeling detached from people, activities or surroundings?

YES

NO

2. Thoughts of actually hurting yourself?

- None
- Slight
- Mild
- Moderate
- Severe



NEXT



How are you?
A Mental Health Screening Tool

Trends and Statistics

File Requests NEW

About Us



JD

Notifications

VERIFIED REPORTS

Arlene Steward reviewed your report

On 2022-01-10, 15:00

Show Verified Report

Suggested Psychiatrists



Home



VERIFIED REPORTS

Arlene Steward reviewed your report

On 2022-01-10, 15:00

Show Verified Report

Suggested Psychiatrists

Marvin McCoy

Kevin De Bruyne

Home

- ▶ Patient may view the specialists' public detail and send consultation requests accordingly



Marvin McCoy



Adolescent
Psychiatrist

Cell: 998-543210

Email: mcoy@ymail.com

AREAS OF EXPERTISE

1. Adolescent Psychiatry
2. Cultural Psychiatry
3. Psychiatry on Personality Disorders

HONORS AND AWARDS

1. Arnold P. Gold Foundation Award for Humanism and Excellence In Teaching, 2015
2. Program for Adolescent Research Program in Psychiatry National Research Service Award (NRSA), 2009

AVAILABLE HOURS

Monday to Thursday: 18:00 - 20:00

Sunday: 15:30 - 20:00

Send Consultation Request

Psychiatrist Actions

- ▶ Receive Patient Scores and Responses
- ▶ Consultation Requests
- ▶ Request Files from Patients
- ▶ Update Questionnaire

- ▶ Psychiatrist receives Consultation Requests through Notification and may specify a Counseling Time, Method or suggest Medication



How are you?
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About Us



KE

Consultation Requests

CONSULTATION REQUESTS

PENDING MEDICATION
SUGGESTIONS

PATIENT SCORES AND RESPONSES

UPDATE QUESTIONNAIRE

REQUEST FILES FROM PATIENTS



CONSULTATION REQUESTS

Name	Verified Report	Counseling Time	Counseling Method	Notify Patient
Stella Warren	Show Verified Report	2022-01-04, 20:00	In Person Counseling ▾	Notify
John Doe	Show Verified Report	2022-01-20, 20:00	In Person Counseling ▾	Notify
Brian Smith	Show Verified Report	2022-01-20, 20:00	In Person Counseling ▾	Notify
Trent Alexander	Show Verified Report	2022-02-02, 20:00	In Person Counseling ▾	Notify
Phil Foden	Show Verified Report	2022-02-20, 20:00	In Person Counseling ▾	Notify



CONSULTATION REQUESTS

Name	Verified Report	Counseling Time	Counseling Method	Notify Patient
Stella Warren	Show Verified Report	2022-01-04, 20:00	In Person Counseling ▾	Notify
John Doe	Show Verified Report	2022-01-20, 20:00	In Person Counseling Video Conference Counseling	Notify
Brian Smith	Show Verified Report	2022-01-20, 20:00		Notify
Trent Alexander	Show Verified Report	2022-02-02, 20:00	In Person Counseling ▾	Notify
Phil Foden	Show Verified Report	2022-02-20, 20:00	In Person Counseling ▾	Notify

- ▶ Patient gets corresponding Counseling Approval Notifications



COUNSELING APPROVALS

Filter By

Marvin McCoy responded to your request

On 2022-01-10, 15:00

Counseling Detail

Arlene Steward responded to your request

On 2022-01-09, 15:00

Counseling Detail

Home



COUNSELING APPROVALS

Filter By

Marvin McCoy responded to your request

On 2022-01-10, 15:00

Counseling Detail

Arlene Steward responded to your request

On 2022-01-09, 15:00

Counseling Detail

Date: 2020-01-02

Time: 18:30

Method: Video Conference Counseling

Home

- ▶ Counseling may follow prescribing medications



PENDING MEDICATION SUGGESTIONS

Name	Counseling Time	Counseling Method	Suggest	Remove
Stella Warren	2022-01-04, 20:00	In Person Counseling	<button>Prescribe</button>	
John Doe	2022-01-20, 20:00	Video Conference Counseling	<button>Prescribe</button>	
Brian Smith	2022-01-20, 20:00	Video Conference Counseling	<button>Prescribe</button>	
Trent Alexander	2022-02-02, 20:00	In Person Counseling	<button>Prescribe</button>	
Phil Foden	2022-02-20, 20:00	In Person Counseling	<button>Prescribe</button>	



How are you?
A Mental Health Screening Tool

Trends and Statistics

About Us



KE

Consultation Requests

Prescription for Stella Warren

Therapy



Medicine



Cancel

Send



Prescription for Stella Warren

Therapy



Name: _____

Description: _____

Add Therapy

Medicine



Cancel

Send



Prescription for Stella Warren

Therapy



Medicine



Name: _____

Days: _____

Usage: _____

Add Medicine

Cancel

Send

- ▶ Patient is notified of the Medication suggestions



SUGGESTED MEDICATIONS

Filter By

Marvin McCoy has suggested medications for you.
Find details with the attached prescription.

On 2022-01-10, 15:00

Show Prescription

Arlene Steward has suggested medications for you.
Find details with the attached prescription.

On 2022-01-10, 10:00

Show Prescription

Marvin McCoy has suggested medications for you.
Find details with the attached prescription.

On 2022-01-05, 20:00

Show Prescription

Home



Prescription from Marvin McCoy

Medicine

Name: Lurasidone(Latuda) 50mg

Days: 1 month

Usage: 1+0+1 (after meal)

Home

Psychiatrist Actions

- ▶ Receive Patient Scores and Responses
- ▶ Consultation Requests
- ▶ Request Files from Patients
- ▶ Update Questionnaire

- ▶ Psychiatrist may specify a file type along with descriptions with a view to broadcasting among all patients that might later facilitate the Q/A purpose



REQUEST FILES FROM PATIENTS

File Type *

e.g. hand-sketch of some object, room, etc.

Message *

short specification of the file

Cancel

Send

- ▶ Patient receives Requested File Notifications and may participate in the Data Collection process



FILE REQUESTS



From Psychiatrist A

On 2022-01-10, 15:00

Upload File

No file chosen

Show Detail

Remove

From Psychiatrist B

On 2022-01-10, 15:00

Upload File

No file chosen

Show Detail

Remove

Home



FILE REQUESTS



From Psychiatrist A

On 2022-01-10, 15:00

Upload File

No file chosen

Show Detail

From Psychiatrist B

On 2022-01-10, 15:00

Upload File

No file chosen

File Type: Room Sketch

Message: Mention door,
window, stairs locations
clearly

Show Detail

Remove

Home



FILE REQUESTS



From Psychiatrist A

On 2022-01-10, 15:00

Upload File

sketch1.jpg

Show Detail

Done Remove

From Psychiatrist B

On 2022-01-10, 15:00

Upload File

No file chosen

Show Detail

Remove

Home

Psychiatrist Actions

- ▶ Receive Patient Scores and Responses
- ▶ Consultation Requests
- ▶ Request Files from Patients
- ▶ Update Questionnaire



How are you?
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KE

Consultation Requests

UPDATE QUESTIONNAIRE

Autism Tests

OCD Tests

Orthorexia Tests

PTSD Tests

Back



UPDATE QUESTIONNAIRE (PTSD)

1. Feeling detached from people, activities or surroundings?

Edit

 YES NO

2. Thoughts of actually hurting yourself?

Edit

 None Slight Mild Moderate Severe

+ Add New

Update ➔



THANK YOU