Mend Team

Mend

A User Manual

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1. Introduction

Welcome to Mend, the digitized mental health form. This project was created to improve the current record tracking regarding the mental health care system. This project is taken up as a way of improving the health informatics scene in the country.

1.1. Purpose of the Manual

The purpose of this manual is to help its users understand how to utilize Mend. By following this manual, users will be able to navigate the website with ease.

1.2. Scope and Objectives

This manual covers the different user types that can navigate Mend. As such, this manual will have different guidelines on how each user type can navigate and operate the website.

1.3. Definition of Terms

To ease the understanding of the manual, below is a list of terms and their definitions that will be recurring in the manual.

- **Personal Information Sheet:** Record containing the medical history of the patient. This sheet may only be answered once.
- **Consent Form:** The form informs the patient of their rights and is agreed upon to allow the assigned healthcare professional to perform their utmost duty.
- **Counseling Form:** Record used to take down pertinent information for their psychotherapy session. There may be multiple instances of this record.
- **Treatment Plan:** Record that contains the target treatment of the patient. This record must be signed by the patient and the psychiatrist/psychologist.
- **Prescription:** Record that contains the prescriptions of the patient. Psychiatrists are the only users allowed to add prescription records.
- **Medicines:** Record that contains the medicines prescribed to the patient.
- **User:** Refers to the person using the program
- **User Type:** Used to differentiate between the user roles.

1.4. Introduction to Different User Types

Mend is a website that helps ease the process of creating and reviewing mental health records. There are three different user types in Mend, each with

its own role. The different user types to be discussed in the manual are the namely: Admin, Psychiatrist/Psychologist, and Patient.

2. Technical Setup and Requirements

2.1. Prerequisites of the Project

To set up the project, you will need to install Python3, Django, and PostgreSQL. Additionally, it is recommended to use a code editor such as VS Code or Sublime Text, and you should have the latest version of any web browser installed.

2.2. Languages and Technologies Used

The project utilizes several technologies, including HTML5 and CSS3, JavaScript for creating dynamically updating content, Bootstrap as an HTML, CSS, and JS library, PostgreSQL as an RDBMS that uses SQL, and Python along with Django.

2.3. Setting up the Project

To run the project on your local machine, follow these steps:

1. Clone the repository: **git clone https://github.com/Akire-Eam/Mental-Health-Form.git -b main**
2. Create and activate a virtual environment:
   - **python -m venv venv**
   - **source venv/bin/activate** (On Windows, use **venv\Scripts\activate**)
3. Install project dependencies: **pip install -r requirements.txt**
4. Create a PostgreSQL database named **medical**
5. Configure your database settings in the **Hackfest/settings.py** file.
6. Apply database migrations: **python manage.py makemigrations** then **python manage.py migrate**
7. Create a superuser account: **python manage.py createsuperuser**
8. Insert data for the admin user in the **accounts_userrolemap** table:
   - **INSERT INTO public.accounts_userrolemap (user_id_id, role_id_id) VALUES (1, 3);**
9. Start the development server: **python manage.py runserver**

3.   Admin

Users of the Admin type are only allowed to create Psychiatrist and Psychologist users.

3.1.   Logging In

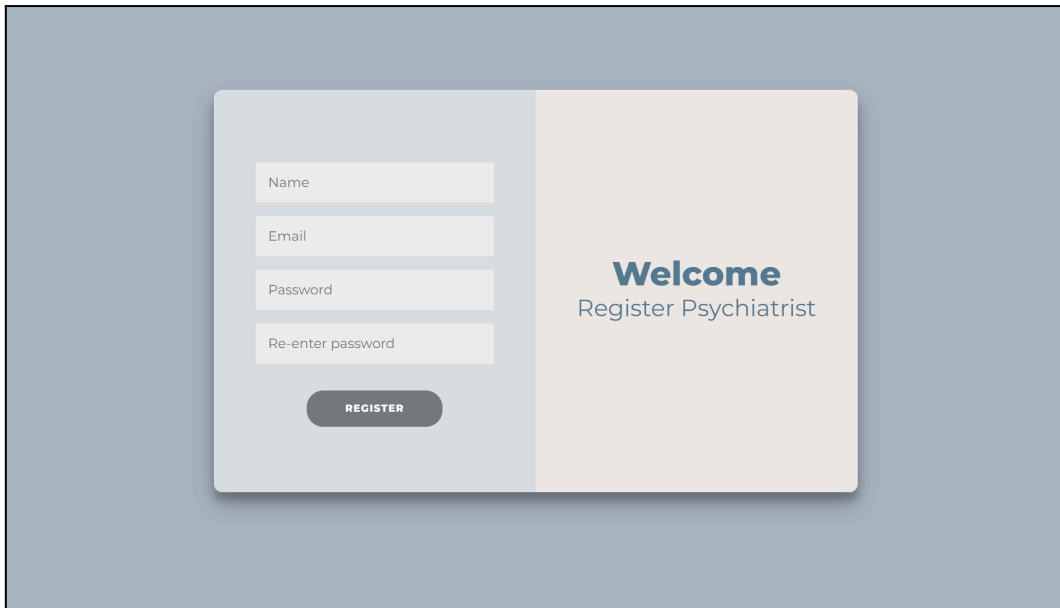Users of the Admin type can get their accounts by doing **Step 7** in **Section 2.3** of this User Manual.

3.2.   Creating New Psychiatrist/Psychologist Users

Upon logging in, users will be directed to the home page. The Admin is presented with two options, to create a Psychiatrist user or a Psychologist user.
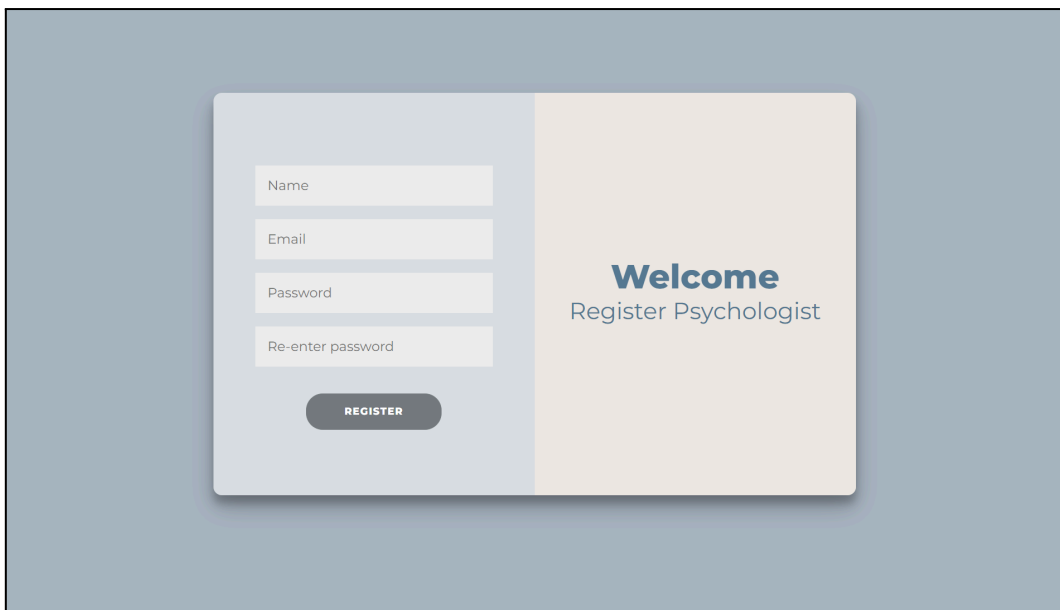

Admin Home Page

To create a Psychiatrist, the Admin should click on the '**Create Psychiatrist' button**. Upon clicking the button, the Admin will be directed to the Create Psychiatrist Page. Input the Psychiatrist's name, and email, and let the Psychiatrist input their password.

Create Psychiatrist Page

The same is to be done for the Psychologist User. To create a Psychologist, the Admin should click on the '**Create Psychologist' button**. Upon clicking the button, the Admin will be directed to the Create Psychologist Page. Input the Psychologist's name, and email, and let the Psychiatrist input their password.

Create Psychologist Page

Click on the '**Register' button** if satisfied with all the inputs for the Psychiatrist or Psychologist user.

4.   Psychiatrist/Psychologist

Users of the Psychiatrist/Psychologist **(Psych)** type are responsible for creating Patient users. Psych users can also create and edit Patient records.

4.1.   Logging In

Users of the Psych type can get their accounts from an Admin user. If any problems persist, kindly contact the Mend Admin to guide you with logging in.
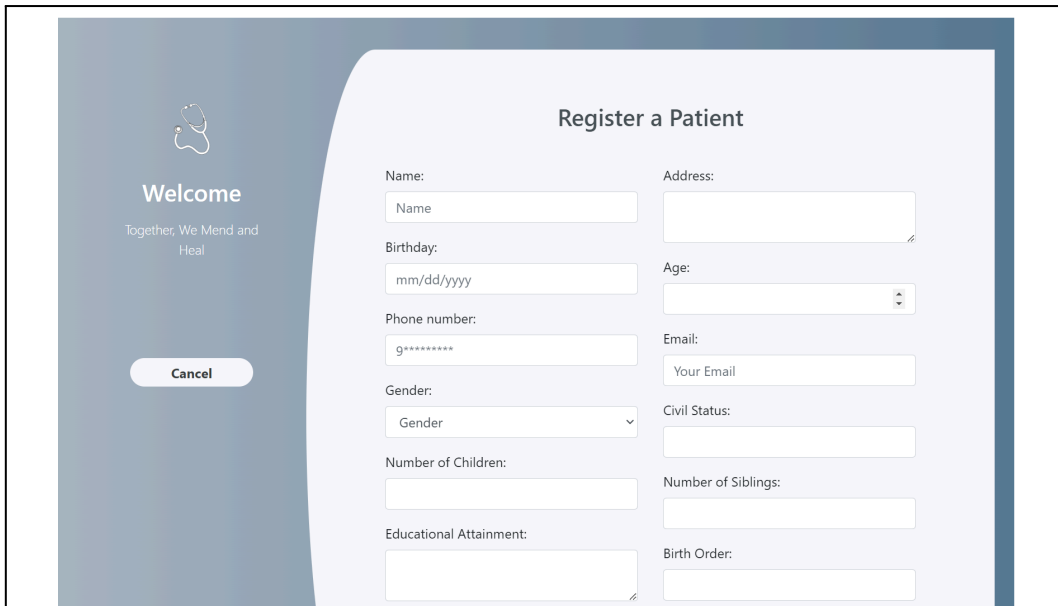
4.2.   Creating New Patient Users

Upon logging in, the Psych user is given the option to View Patient records and to Register Patients. To create a new Patient user, click on the '**Register Patient' button**.

Psych Home Page

Upon clicking on the **'Register Patient' button**, the user will be directed to a page on which the user must fill in information about the patient. The Psych user must fill out everything that is seen on the Register Patient page. Once all information has been inputted, click on the '**Register'** button.
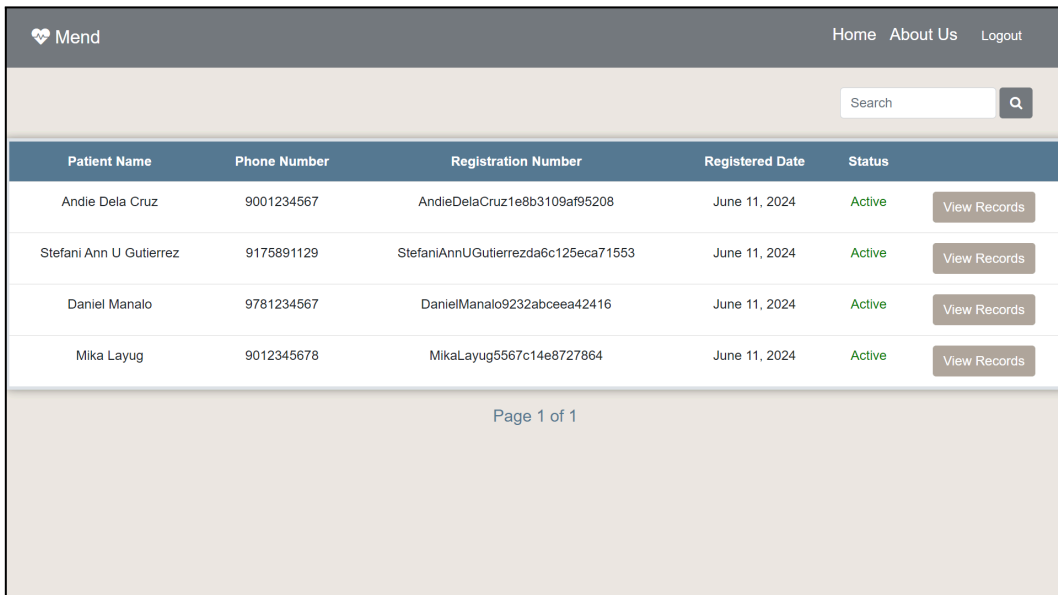
Register Patient Page

4.3. Creating and Editing Mental Health Records

To view Mental Health Records, click on the '**View Patients' button** on the Psych Home Page. Upon clicking, the Psych user will be directed to the **View Patients page** where all Patient users are present. The Psych user can search the Patient's name for convenience using the search bar in the top right corner.

View Patients page

After clicking on which Patient user to View Records, the Psych user will be presented with the **View Records page**, where the Psych user may check the Patient's Basic Details, Personal Information Sheet, Consent Form, Counseling Form, Treatment Plan, and Prescription.

4.3.1. Basic Details

The **Basic Details page** presents the information entered by the Psych during the creation of the Patient user. This is a view-only form; however, basic details can be updated by clicking the '**Update Basic Details' button.**

View Basic Details page

4.3.2. Personal Information Sheet

The **Personal Information Sheet page** is blank for now as it hasn't been created by the Psych user yet. Click the '**Add Personal Information Sheet' button** to accomplish this sheet.

View Personal Information Sheet page

Upon clicking the **Add Personal Information Sheet button**, the Psych user will be presented with fields for the Patient's history which include Treatment History, Health and Social Information, Occupational Information, Religious/Spiritual Information, Family Mental Health History, and Other Information. All fields are required to be filled. By clicking the **Submit button** on the lower right portion of the page, the Personal Information Sheet of the patient is saved.

Personal Information Sheet page
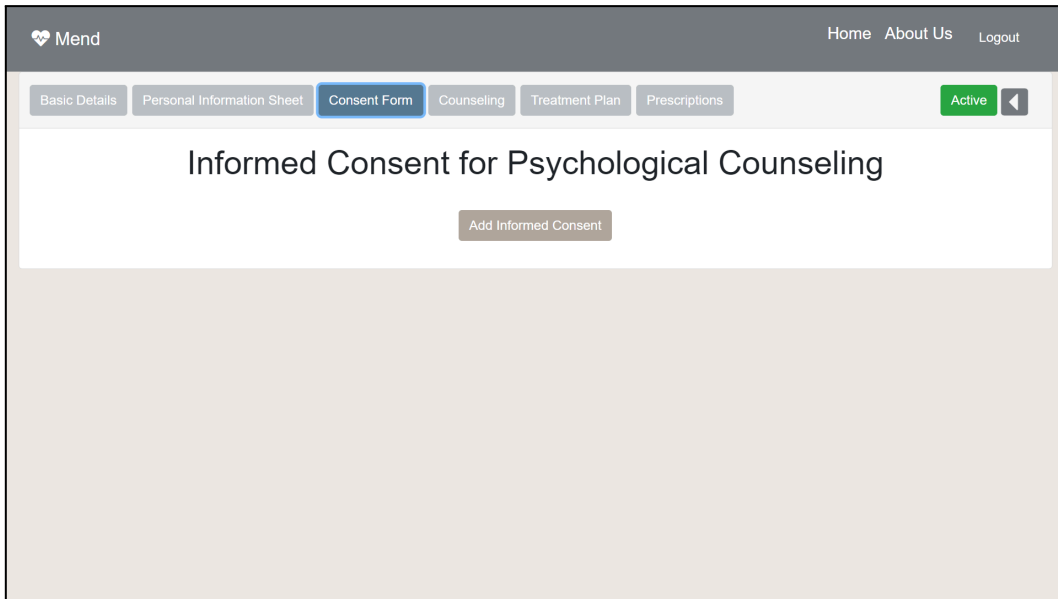
By going back to the **View Patient Information Sheet page,** it now displays a viewable form. Upon clicking the **'Update Personal Information Sheet' button**, the Psych can edit the details of the sheet again.

View Personal Information Sheet page

4.3.3.   Consent Form
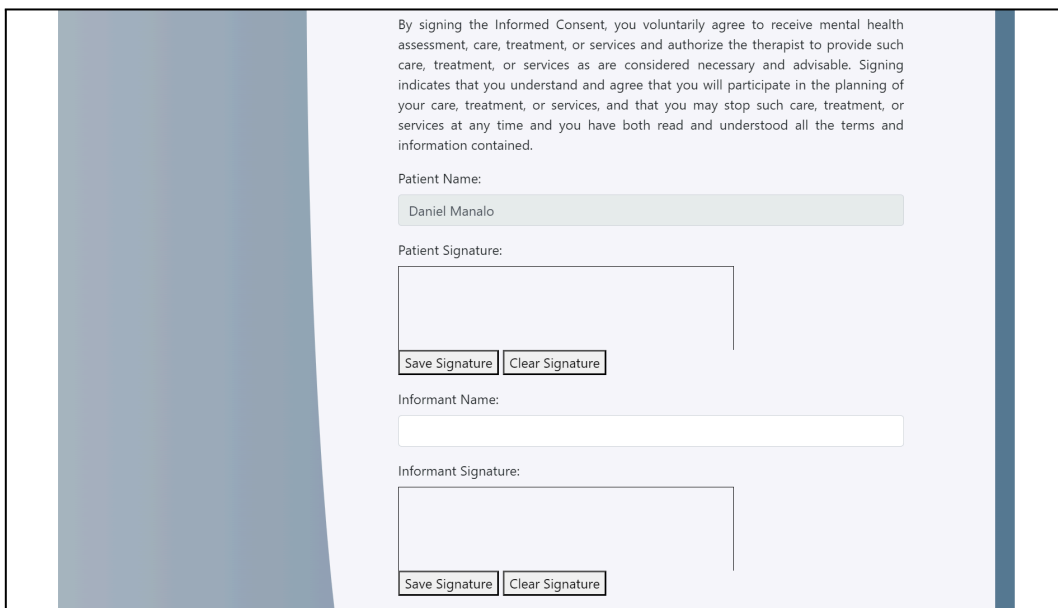
The Consent Form must be accomplished to protect the rights of the Patient as well as the Psych.
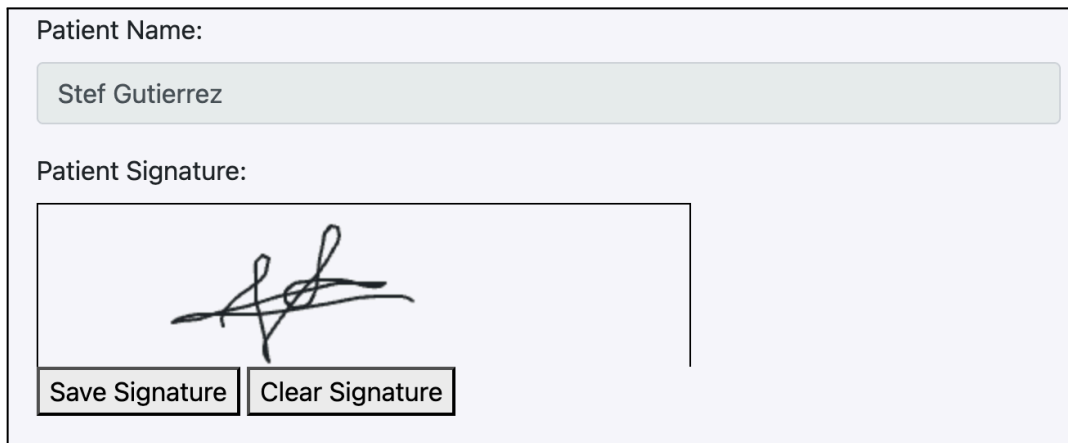

View Consent Form page

The Consent Form is a page dedicated to explaining the rights of the Patient user. The Patient user and the Patient's informant must give their signatures on the Consent Form as a way of showing their agreement for the treatment the Patient will receive.
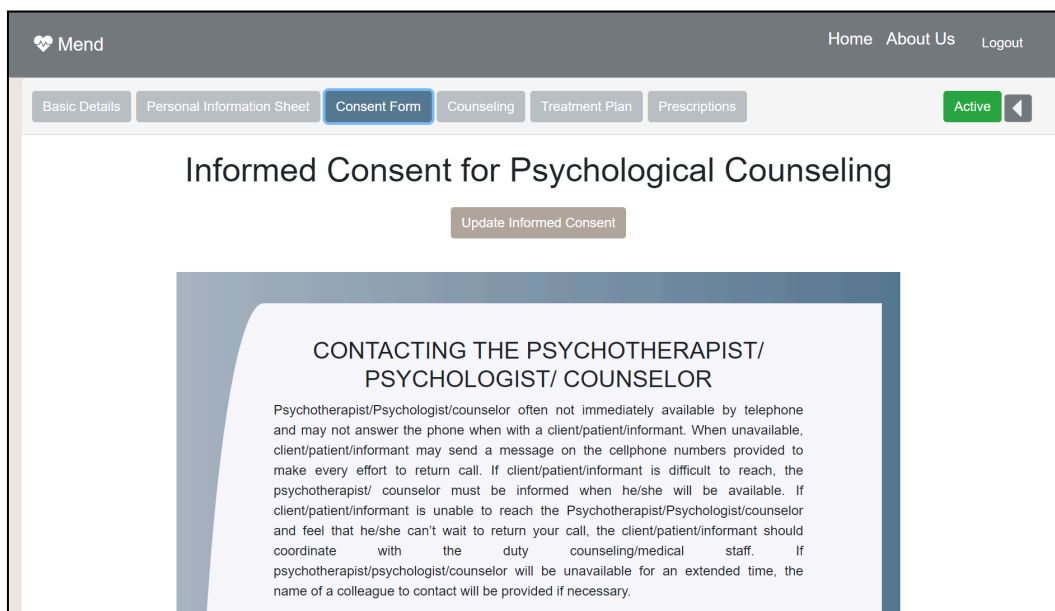

Consent Form page

To add signatures, users can simply 'draw' their signature on the signature pad and click the **'Save Signature' button**. To erase existing signatures, users can press the **'Clear Signature' button.**


Adding Signatures

By going back to the **View Consent Form page**, it now displays a viewable form. Upon clicking the **'Update Informed Consent' button**, the Psych can edit the details of the form again.

View Consent Form page

4.3.4. Counseling Form

The **Counseling Form** is accomplished by the attending Psych. This is used when the Patient is a recipient of psychotherapy treatment. By clicking the **'Add Counseling' button**, Psych users are directed to the Counseling Form page.
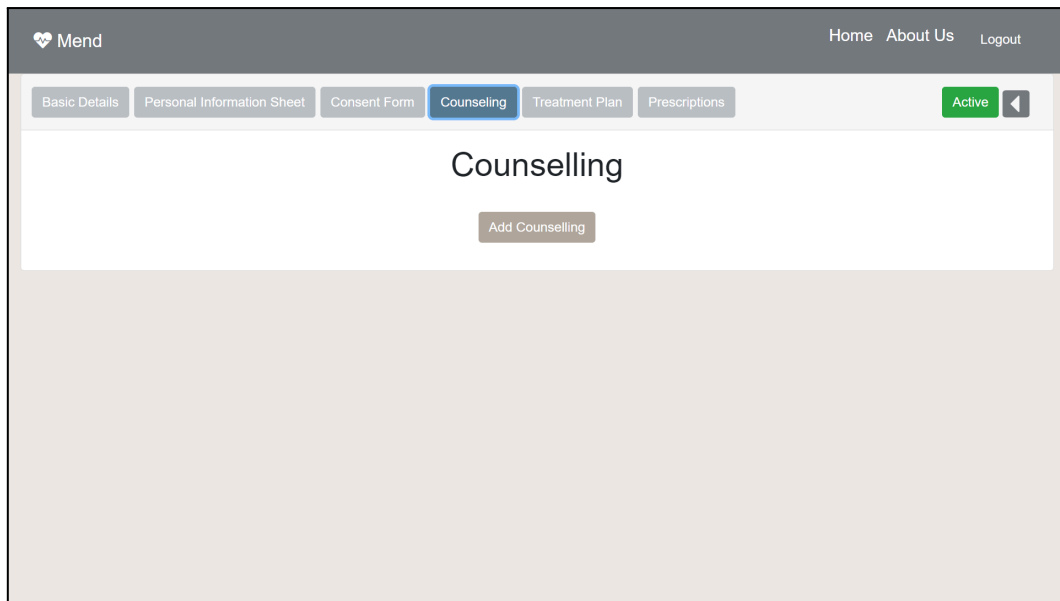
View Counseling Form page

The Counseling Sheet presents the Psych with the Diagnostic Impression, Presenting Problems, and Psychotherapy Progress Note to address the Patient's psychotherapy session.

Counseling Form page

There may be multiple instances of the Counseling Sheet, depending on the number of psychotherapy sessions the patient has attended. Upon returning to the View Counseling Form page, the patient now has three sessions. The viewable forms of these sessions are collapsible, and each can be updated by clicking the **'Update Counseling' button.** Additionally, if the Psych user wants to add more sessions, they can simply click on the **'Add Counseling' button.**

View Counseling Form page

View Counseling Form page

4.3.5. Treatment Plan

The **Treatment Plan** is accomplished by the attending Psych. This form contains information regarding the long-term treatment of the Patient. Psych users can simply click the **'Add Treatment Plan' button** to add the Treatment Plan sheet.
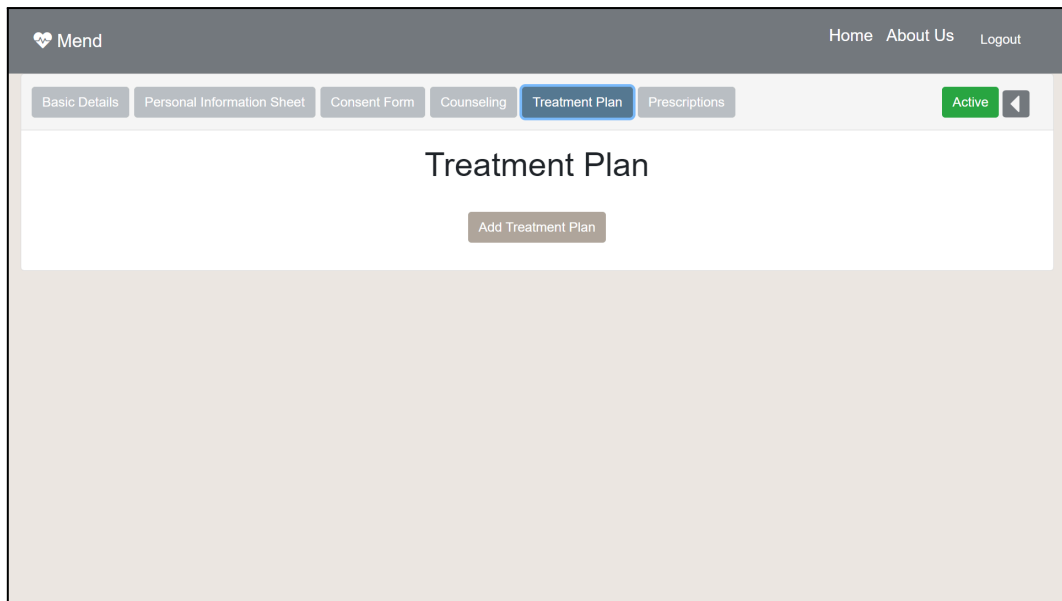
View Treatment Plan page

The Treatment Plan details the Treatment Process, particularly, the Summary of the Treatment Goal, the Detailed Treatment Plan, and Frequency of Treatment.

Treatment Plan page

By the end of it, the Patient and Psych must give their signatures as a way to show agreement with the detailed Treatment Process.

Client concurred:
○ Yes ○ No

Remarks:

Remarks

Patient Name:

Daniel Manalo

Patient Signature:

Save Signature Clear Signature

Therapist Name:

Therapist Signature:

Save Signature Clear Signature

End of Treatment Plan page

By going back to the **View Treatment Plan page**, it now displays a viewable form. Upon clicking the **'Update Treatment Plan button,** the Psych can edit the details of the sheet again.

❤ Mend   Home About Us   Logout

Basic Details | Personal Information Sheet | Consent Form | Counseling | Treatment Plan | Prescriptions   Active ◀

Treatment Plan

Update Treatment Plan

Treatment Process

Summary of Treatment Goal (Specification of Treatment Plan):

To give medication for long time use

Detailed Treatment Plan

Treatment Strategy/Interventions

Specific Problems/Concerns	Approaches	Time Frame	Person Responsible	Remarks

View Treatment Plan page

4.3.6. Prescriptions

The **Prescriptions** record is accomplished by Psychiatrists only but can be viewed by both the Psychiatrist and Psychologist user. This form contains tables of the diagnoses created. Psychiatrist users can click the **'Add Prescription' button** to add a diagnosis. They can add as many records as needed.
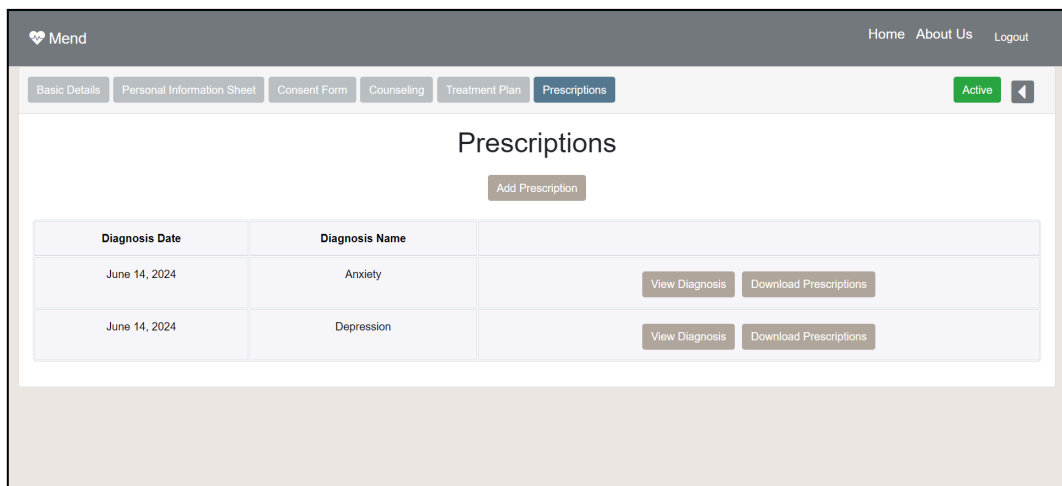
View Prescriptions page

The Diagnosis page details the Diagnosis name and description.
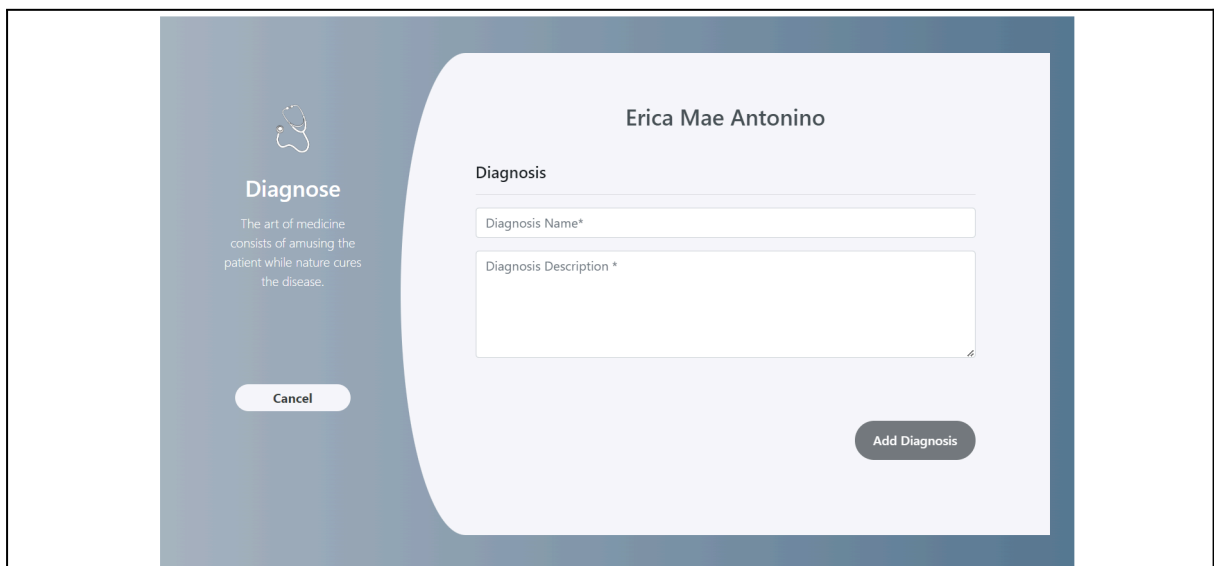

Diagnose page

Once added, they can now view the diagnosis by clicking the **'View Diagnosis'** button. Then, Psychiatrists can prescribe medications by clicking the **'Add Medicine'** button.

View Diagnosis page

The Add Medicine details the Dosage, Duration of how long the patient will take the medicine, Number of times they should be taking it in a day, Medicine Name, Instructions on how to use and reason for taking it.

Add Medicine page

Once added, it can be viewed on the Medicines Page.

View Medicines page

Psych users can also download a PDF copy of the diagnosis. The file contains the patient's name, diagnosis name, and the details of the prescribed medicine. Doctors can print it and give a copy to the patient or use it for whatever purpose the doctor would like.
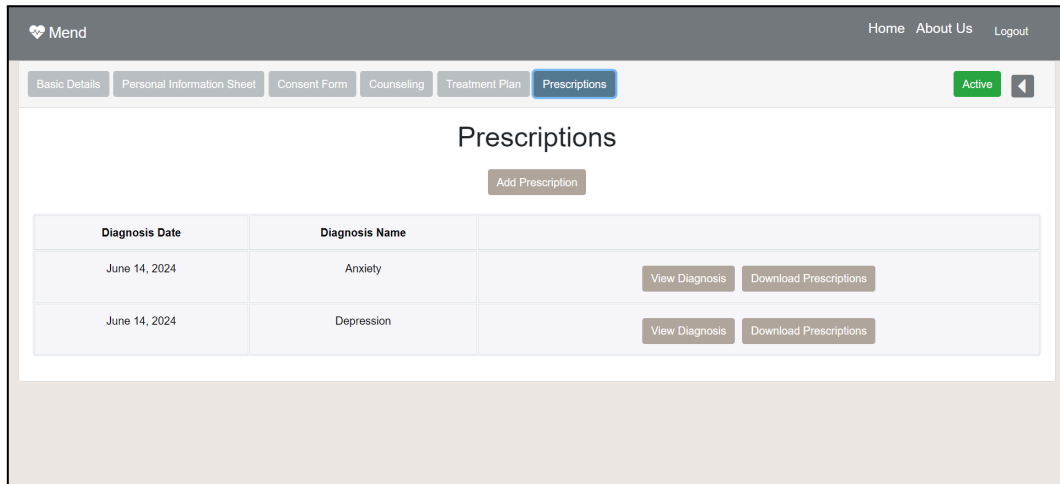
View Prescriptions page

Contents of the Downloaded Prescriptions

4.3.7. Active Status

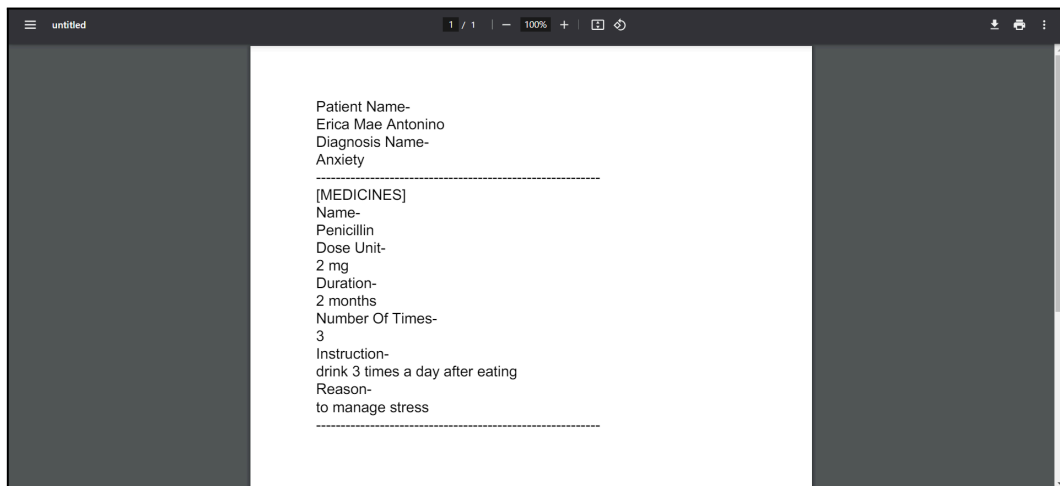Psych users can toggle the Active Status of the patients by toggling the **'Active/Inactive' button** on the top right corner of the patient's record screen.
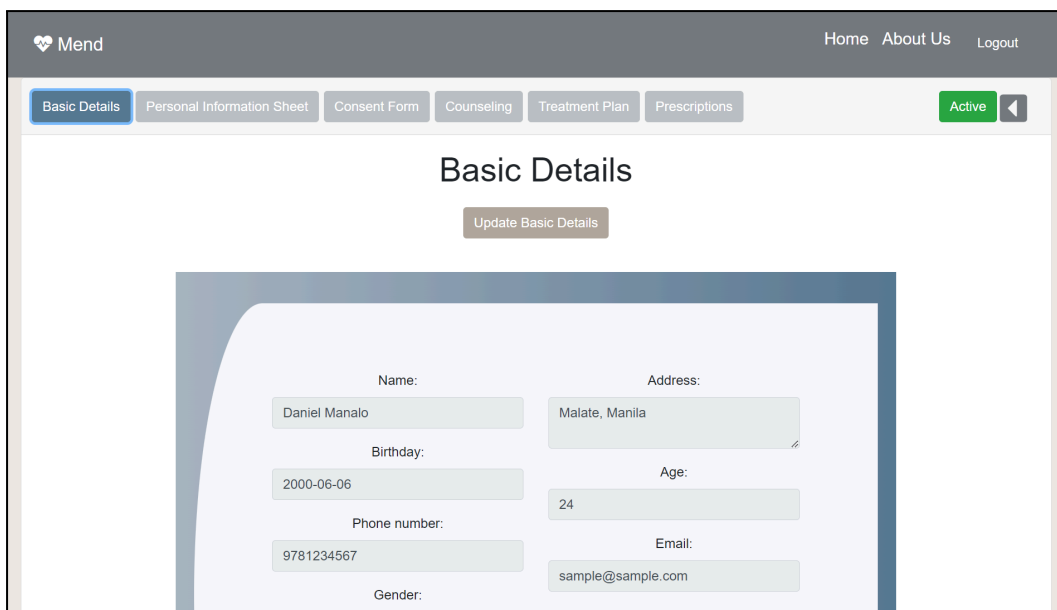

View Patients page

View Patient Record Page

View Patient Record Page

5.   Patient

Users of the Patient type are only able to view their information through their reference code.

5.1.   Viewing Records

Users of the Patient type should receive a Registration ID through the email that is inputted by the Psych. If the Patient has not received a Registration ID, contact the Psych for assistance.
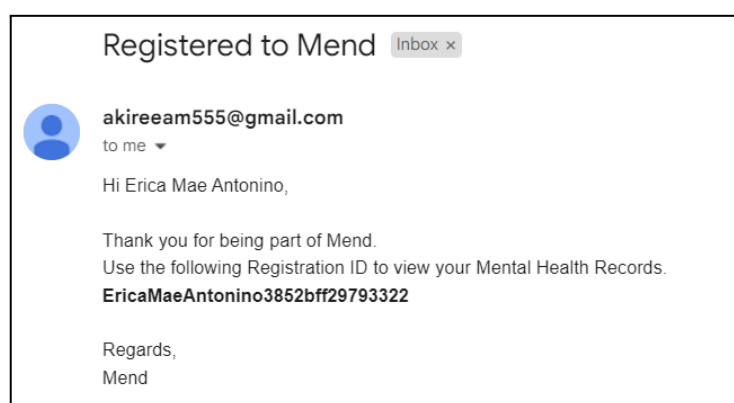
Email to Patient

Patient users may view their records by clicking on the **'View Prescriptions' button** on the Opening page of the website.

Opening page

The Patient user will be directed to the Registration page. The Patient user must input their received Registration ID to view their records.
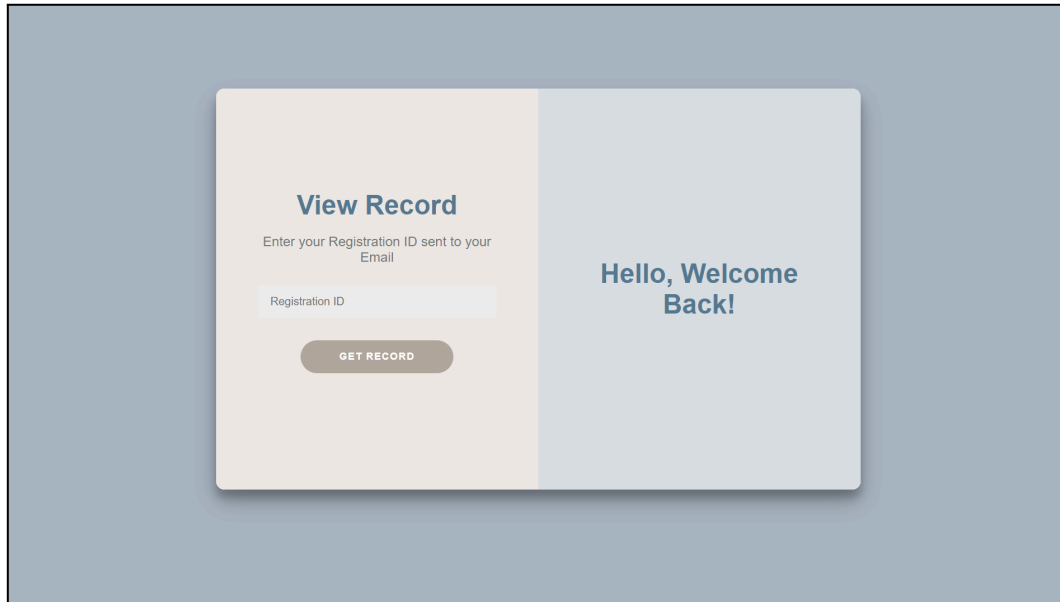
Registration page

Once the Registration ID has been verified, the Patient will be directed to the View Records page where the Patient can only view their Basic Details, Consent Form, and the Medicines prescribed to give them copies of documents and guide them to which medicines to buy.

Basic Details   Consent Form   Prescriptions   ◀

Basic Details

Name:
Erica Mae Antonino

Address:
320 Magsaysay Road, Tibagan

Birthday:
2003-10-26

Age:
20

Phone number:
9152897852

Email:
ericamaeantonino@gmail.com

Gender:

Civil Status:

View Basic Details page

Basic Details   Consent Form   Prescriptions   ◀

Informed Consent for Psychological Counseling

CONTACTING THE PSYCHOTHERAPIST/ PSYCHOLOGIST/ COUNSELOR

Psychotherapist/Psychologist/counselor often not immediately available by telephone and may not answer the phone when with a client/patient/informant. When unavailable, client/patient/informant may send a message on the cellphone numbers provided to make every effort to return call. If client/patient/informant is difficult to reach, the psychotherapist/ counselor must be informed when he/she will be available. If client/patient/informant is unable to reach the Psychotherapist/Psychologist/counselor and feel that he/she can't wait to return your call, the client/patient/informant should coordinate with the duty counseling/medical staff. If psychotherapist/psychologist/counselor will be unavailable for an extended time, the name of a colleague to contact will be provided if necessary.

PROFESSIONAL RECORDS

The laws and standards of the Psychotherapist/Psychologist/Counselor require to keep treatment records.

View Consent Form page

Basic Details   Consent Form   Prescriptions   ◀

Prescriptions

Date: June 14, 2024

Dose Unit: 2 mg

Duration: 2 months

Number Of Times: 3

Additional Instruction: drink 3 times a day after eating

Reason: to manage stress

Medicine: Penicillin

View Prescriptions page