



PTAR User Guide

End User Guide & Technical Guide

End User Guide: Guide for the everyday user of PTAR

Technical Guide: Guide for a system administrator whose role is to setup and configure PTAR

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End User Guide

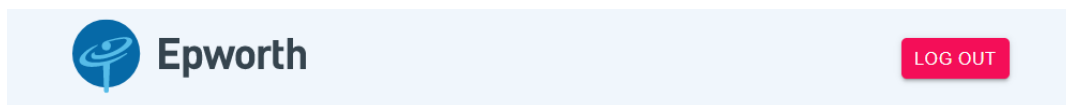
NOTE: The computer must be running the web app and server. See Technical Guide to see how to set it up.

Accessing The Web App

1. Open Google Chrome on your computer and go to <http://localhost:3000/>

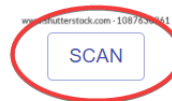
Signing In a Patient

2. A patient's ID can be entered by:
 - a. QR scanning by clicking "SCAN". (NOTE: Your computer must have a webcam). Skip to step 3a.



Scan QR Code

1. Click the Scan button below.
2. Point your device at a QR code so that the entire QR code is clearly visible within the red square.



Text Input:

Patient Id

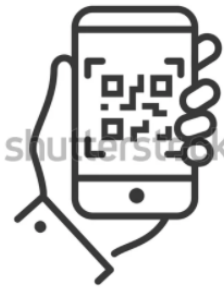
START

b. The text field and clicking “START”. Skip to step 3b.

**Epworth**[LOG OUT](#)

Scan QR Code

1. Click the Scan button below.
2. Point your device at a QR code so that the entire QR code is clearly visible within the red square.

www.shutterstock.com - 1087630961[SCAN](#)

1

Text Input:

Patient Id

2

START

3. Enter patient ID:

- a. QR Scanning by placing the QR code within the red square.

The screenshot displays the Epworth PTAR interface. At the top left is the Epworth logo, and at the top right is a red 'LOG OUT' button. The main heading is 'Scan QR Code'. Below it, two instructions are visible: '1. Click the Scan button below' and '2. Point your device at the QR code within the red square.' A white modal box with a black border is centered on the screen, containing the text 'Place QR code within the red square' and a large red square frame. Inside the red square is a QR code. Below the modal, there is a 'Text Input:' label, a grey input field containing the text 'Patient Id', and a blue 'START' button.

b. Entering the patient's ID as text and clicking "START".

**Epworth****LOG OUT**

Scan QR Code

1. Click the Scan button below.
2. Point your device at a QR code so that the entire QR code is clearly visible within the red square.



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SCAN

Text Input:

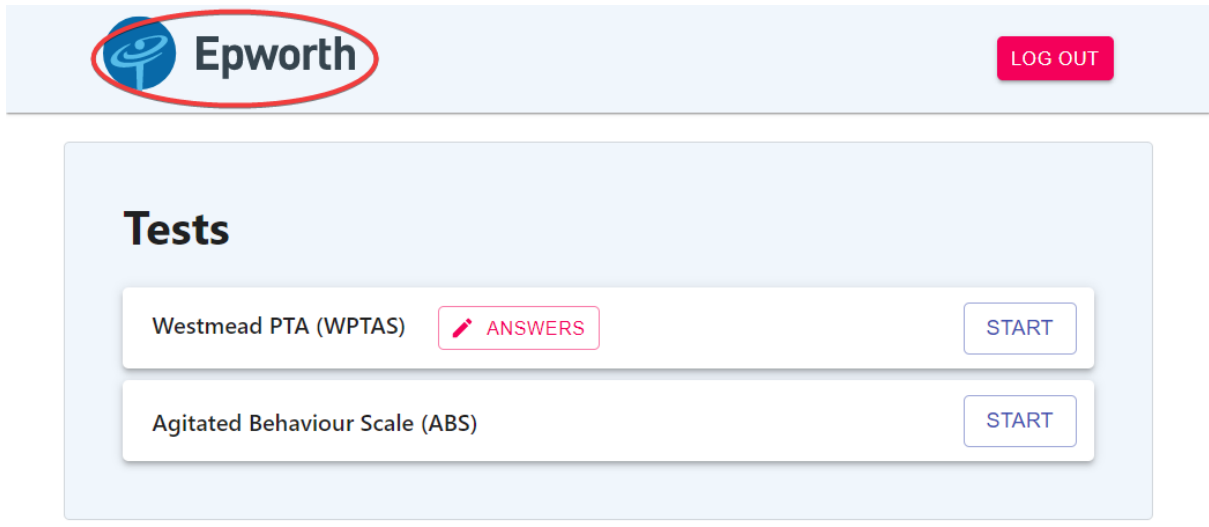
Patient Id

T43ma7847QBalG9UfpIn|

START

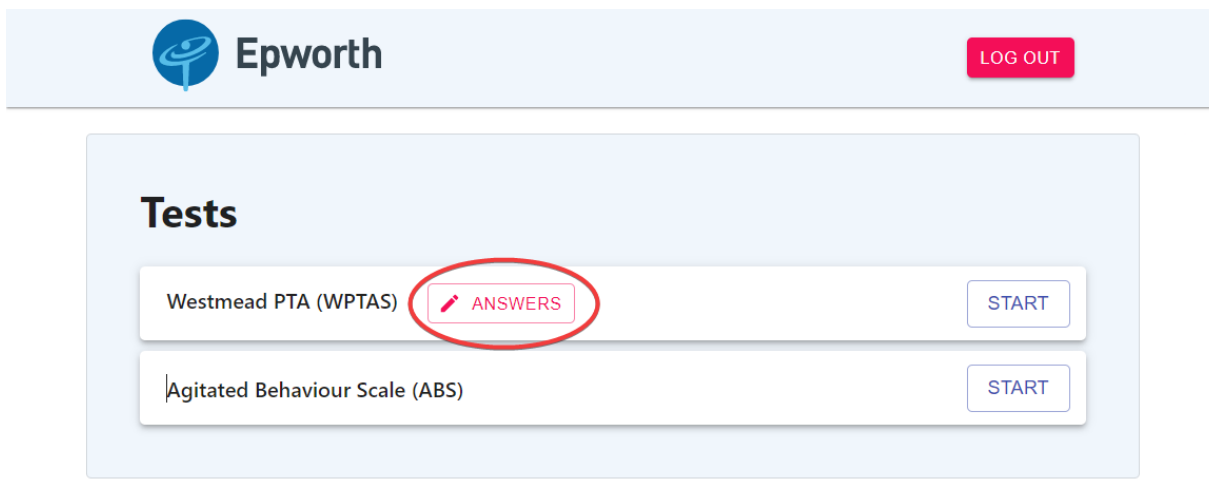
Home Page

4. You will see the home page, if you need to go back to this page, click the Epworth title in the header.



WPTAS Correct Answers

5. Under “Tests”, update the **Westmead PTA (WPTAS)** answers related to the patient by clicking the “ANSWERS” button.



6. If the answers to the patient's correct answers for the **WPTAS** test have been previously filled, the form will be pre-filled with the previous answers. However, you may still need to change some answers.

7. Once all the correct answers have been set for the questions, click the "SUBMIT" button at the bottom.

NOTE: If the "SUBMIT" is unclickable, make sure correct answers have been set to all questions.

WPTAS Test

8. To start a **WPTAS** test, click its "START" button.

The screenshot shows the Epworth Tests page. At the top, there is a header with the Epworth logo and a 'LOG OUT' button. Below the header, the 'Tests' section is displayed. It contains two test cards: 'Westmead PTA (WPTAS)' and 'Agitated Behaviour Scale (ABS)'. The 'Westmead PTA (WPTAS)' card has a red 'ANSWERS' button and a blue 'START' button, which is circled in red. The 'Agitated Behaviour Scale (ABS)' card has a blue 'START' button.

9. Each **WPTAS** question box will have the format:

The screenshot shows a sample WPTAS question box. It contains the following elements: a question text '1. How old are you?' (labeled 'a'), a 'SHOW CHOICES' button (labeled 'd'), an 'Answer: 21' text (labeled 'b'), a 'Correct' radio button (labeled 'c'), an 'Incorrect' radio button, and a 'Note' text area (labeled 'e').

a. Question text to ask the patient.

b. Answer text to identify the correct answer.

NOTE: Questions with pictures will be hidden and can be shown by clicking "SHOW".

The following require user input:

- c. **(Required)** Record whether the patient's answer is correct or incorrect.
- d. (Optional) Provides multiple choice with one correct option and two incorrect options. Select one of the options by click on it.
- e. (Optional) For any additional information.

NOTE: If an option is selected from multiple choice, then the value will automatically be entered here.

10. Once all the questions have been filled, the total score can be viewed (a) and your initials must be filled (b) before the **WPTAS** test can be submitted.

12. Picture III SHOW CHOICES

Answer: SHOW

☒ Correct

☐ Incorrect

Note

Total Score 9

Examiner initials
T.T

SUBMIT

ABS Test

11. To start an **Agitated Behaviour Scale (ABS)** test, click its "START" button.

The screenshot shows the Epworth PTAR interface. At the top, there is a header with the Epworth logo and a 'LOG OUT' button. Below the header, the 'Tests' section is displayed. It contains two test entries: 'Westmead PTA (WPTAS)' and 'Agitated Behaviour Scale (ABS)'. The 'Agitated Behaviour Scale (ABS)' entry has a red circle around its 'START' button.

12. Each **ABS** question box will have the format:

The screenshot shows an ABS question box. The question text, "1. Short attention span, easy distractibility, inability to concentrate.", is enclosed in a red box labeled 'a'. Below the question, the response options (radio buttons 1, 2, 3, 4) are enclosed in a red box labeled 'b'.

- a. Description of behaviour

Requires user input:

- b. Assess the patient based on the description of the behaviour and select 1-4 based on the intensity of the behaviour shown.

13. Once all the questions have been filled, enter your initials before the **ABS** test can be submitted.

14. Self-abusiveness, physical and/or verbal.

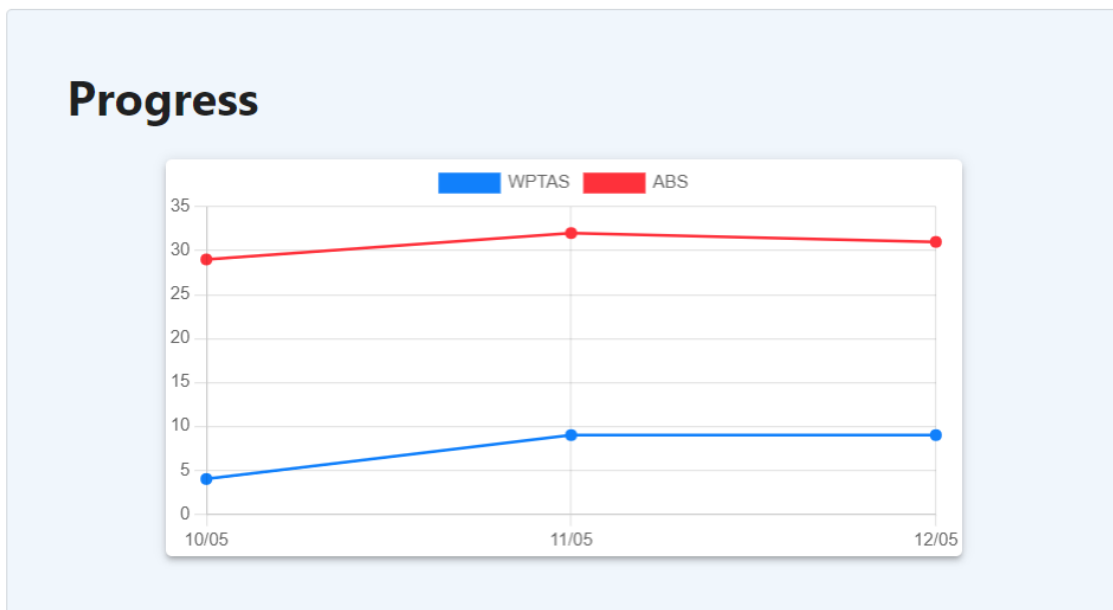
☐ 1 ☒ 2 ☐ 3 ☐ 4

Examiner initials
T.T

SUBMIT

Progress Plot

14. Back in the home page, you can view a plot of past **WPTAS** and **ABS** test scores under "Progress". The y-axis represents the score value and the x-axis represent the date of the test.



Past Tests

15. At the bottom of the home page, under "Past Tests", the **WPTAS** and **ABS** past tests can be viewed. **WPTAS** or **ABS** text to expand the accordion. Details such as the date, examiner initials and score can be viewed.

Past Tests

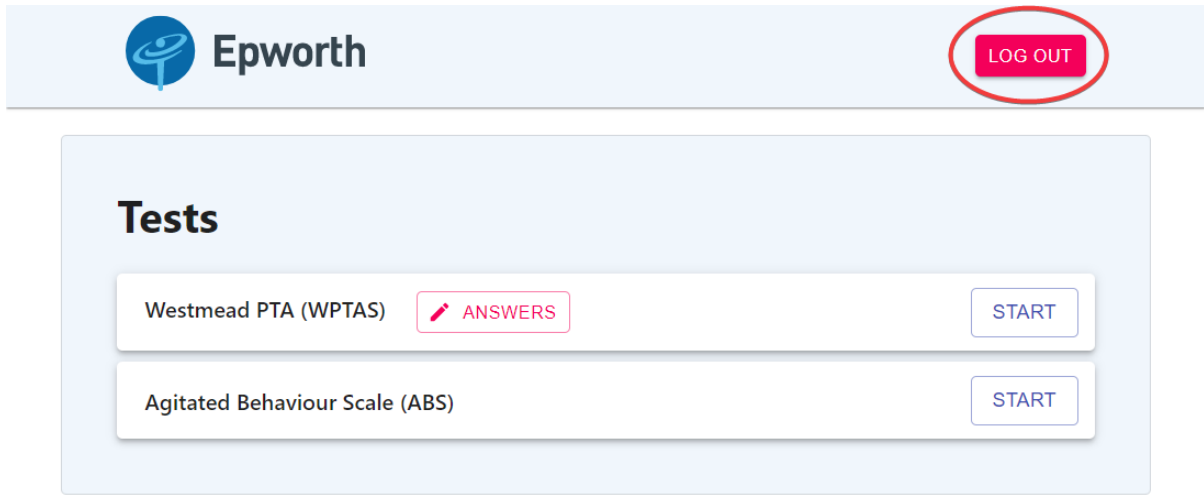
Westmead PTA (WPTAS) ^

Date	Examiner	Score	
12/05/2021 12:56 pm	S.S	9/12	VIEW
11/05/2021 02:09 pm	S.S	9/12	VIEW
10/05/2021 01:47 pm	S.S	4/12	VIEW

Agitated Behaviour Scale (ABS) v

Logging Out

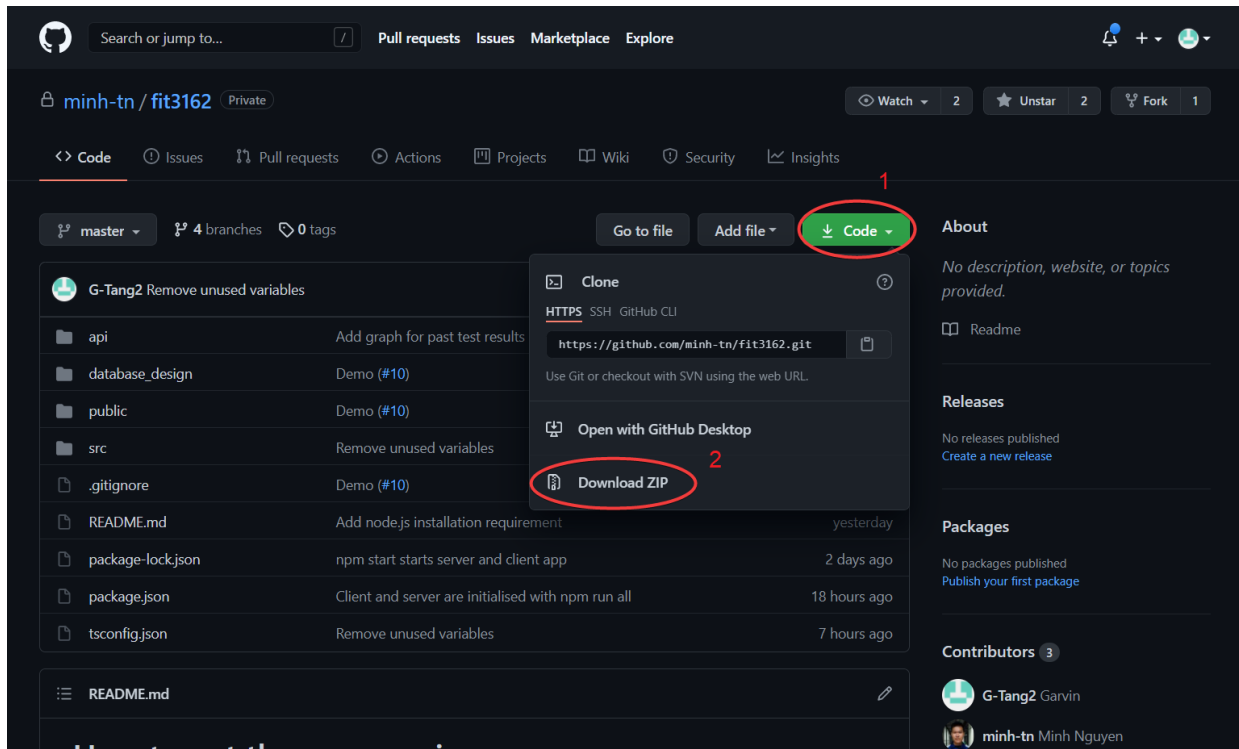
16. To log out, click the “LOG OUT” button in the header which will direct you back to the QR scanning page.



Technical Guide

Setting Up The App

1. Download the source code from <https://github.com/minh-tn/FIT3162>. If you do not have access, email tngu0016@student.monash.edu for access.



2. Extract fit3162-master.zip.
3. Go to the root directory of fit3162-master.
4. Open cmd in the root directory of fit3162-master.
5. Run "npm install" in cmd.
6. Go to the /api folder and create an .env file.
7. In the .env file, enter and save your **PostgreSQL** database information in the following format:
NOTE: See **Initialising New PostgreSQL database** to set up a PostgreSQL database.

```
DB_HOST=<database endpoint>  
DB_PORT=<database port number>  
DB_USER=<database master username>  
DB_DATABASE=<database name>  
DB_PASSWORD=<database master password>
```

Starting The App

1. Open cmd in the root directory of fit3162-master.
2. Run “npm run all”, this will start the app and the server.

Initialising New PostgreSQL Database

1. Once a PostgreSQL database has been created, connect to it using a SQL program such as SQL Workbench.
2. Go to /database_design/script/ and open up fit3162_database.sql.
3. Run this script on your SQL program which will create the tables and relationships for the database. (See Appendix to see conceptual model)

Adding A New Patient Into The Database

1. Run the query into a SQL program such as SQL Workbench connected to the database:

```
INSERT INTO patient VALUES ('<patient id>');  
COMMIT;
```

For example – Creating a patient with id T43ma7847QBalG9Ufpln:

```
INSERT INTO patient VALUES ('T43ma7847QBalG9Ufpln');  
COMMIT;
```

Appendix

Database Conceptual Model

