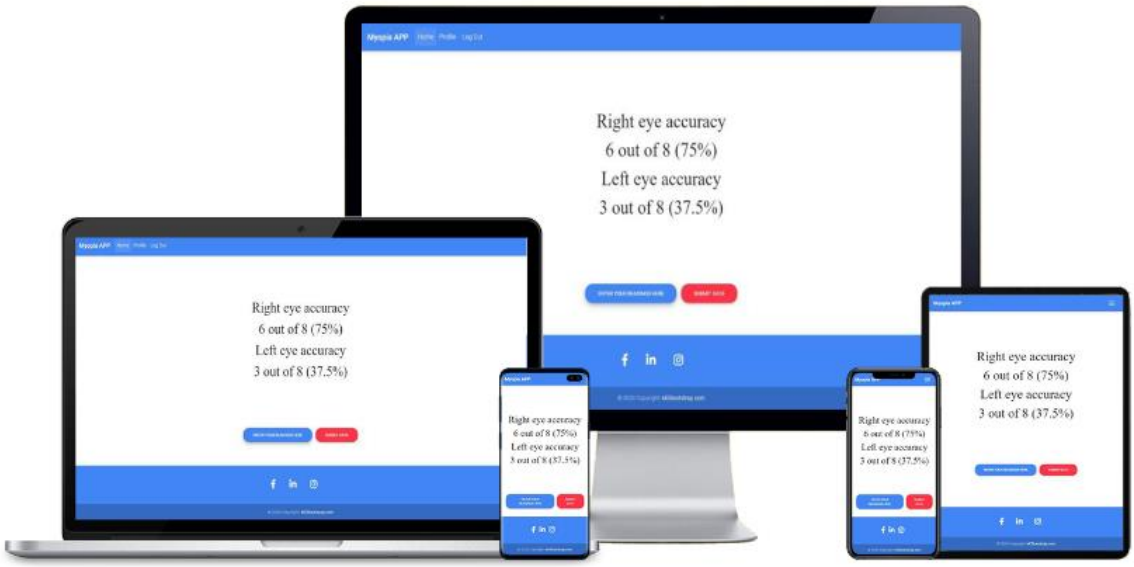

MYOPIA APP

USER MANUAL

Copyright Statement

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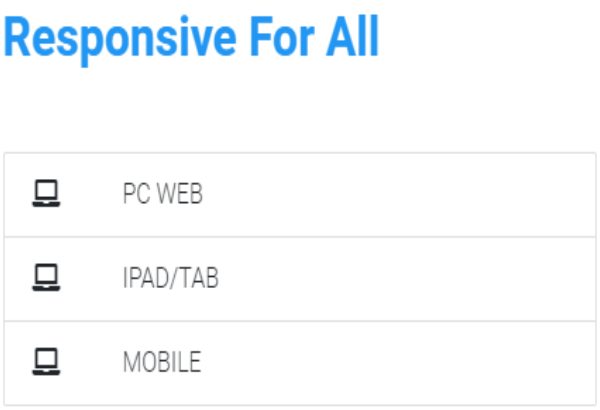
01. INTRODUCTION

1.1 WHAT IS MYOPIA APP?

Myopia app is a mobile application specially has been made up for myopia patients. This app allows you to measure the **visual acuity** of your vision by using your mobile phone or a tablet to get easy access to this anytime and anywhere.

Which devices does the mobile app support?

You can install Myopia app on any mobile devices that have Android operating systems.



How it works

Myopia (nearsightedness) is a refractive error. Refractive error is when the eye does not bend (refract) light properly. Light does not focus correctly so images are not clear. In myopia, close objects look clear but distant objects appear blurred. Myopia is a common condition that affects to whole world. It is an eye focusing disorder, not an eye disease. Now this disorder can easy identify using our web application. A user who is use this application he/she can save their cost and time. Further, this web application is provide medical and technical support for doctors and eye-specialist. Before use this web application we recommend some requirements should follow by the user.

Requirements

- Full HD (1920x1080) 15 inch monitor.
- 20ft or 10ft distance between user and the device.

- This testing should do in the normal lighted environment.

Device and the user’s eyes should in the same level.

This is a web application which has include an electronic Snellen chart within it. Using this electronic Snellen chart, particular UI has been developed to read their characters to users. While checking visual acuity, mobile application always maintains the brightness of the display and distance between electronic Snellen charts and users. Further App showing characters of the Snellen chart on the display and the user has to pronounce them. The letter or number on the screen and user’s answer is recorded inside the app. After testing the user's eyes, app provides a UI which shows the accuracy of the user's predictions. This measurement is used to measure the visual acuity of the peoples’ vision in this app.

Myopia app allows you:

- To measure the eye sight level by yourself
- To compare the results with previous readings provided by the app
- To capture the users voice command accurately.

How much does the mobile app cost?

Currently, we only offer monthly subscription. You can upgrade or cancel your monthly account at any time with no further obligation. You can cancel your subscription anytime in your account. Once the subscription is cancelled, you will not be charged next month. You will continue to have access to your account until your current subscription expires. Unfortunately, we do not issue full or partial refunds for any reason.

1.2 HOW TO INSTALL MYOPIA APP

Depending on your mobile device, go to Google Play and search for the Myopia app.

To find and install Myopia app for android:

1. On your computer device, open **web browser**.
2. Tap the Search icon.
3. Enter Myopia app in the search field.
4. Select Myopia app in the search results to go to the app page.
5. Follow the standard installation procedure.

1.3 HOW WE ENSURE THE SECURITY OF YOUR DATA

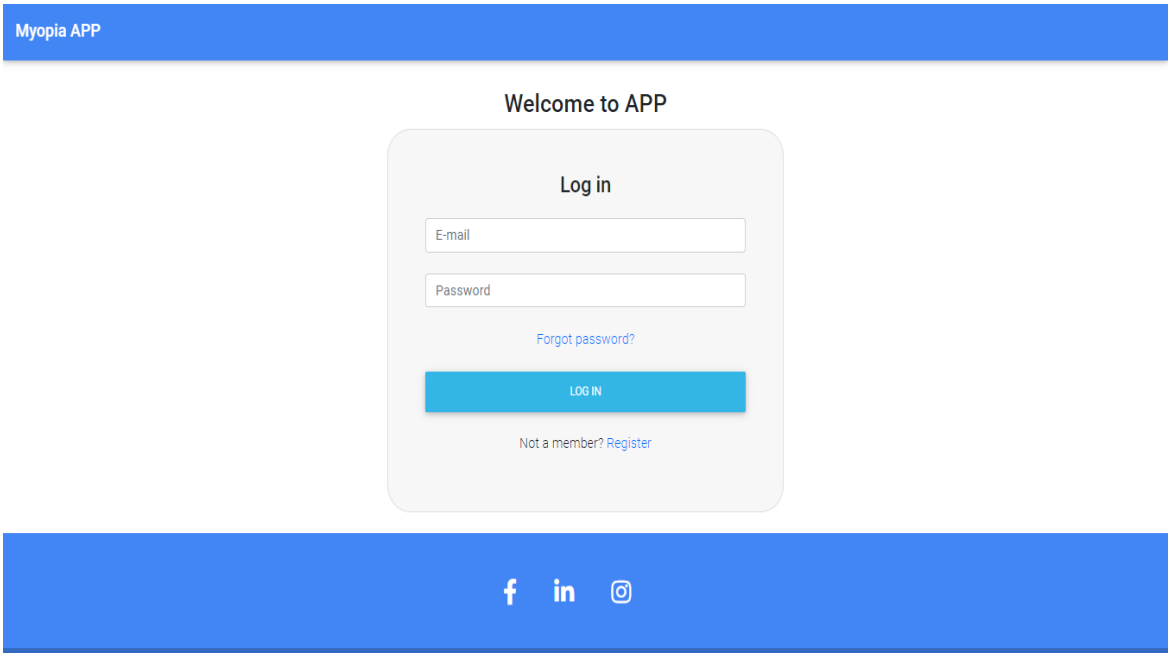
We work with top payment companies which guarantees your safety and security. All billing information is stored on our payment processing partner which has the most stringent level of certification available in the payments industry. Furthermore we store your data on our servers in encrypted form. Only you have access to your encrypted data.

02. PROGRAM WORKSPACE

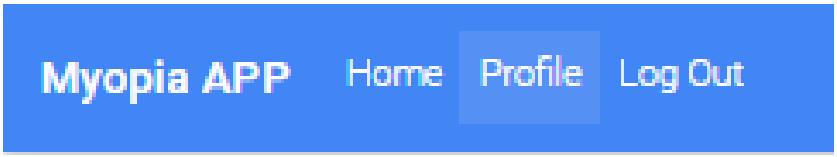
2.1 SIGNING IN TO YOUR ACCOUNT

To use the web app, you need to sign in using the email address and password of your Myopia app account.

If you do not have a Myopia app account yet, click “Register” and follow the instructions.



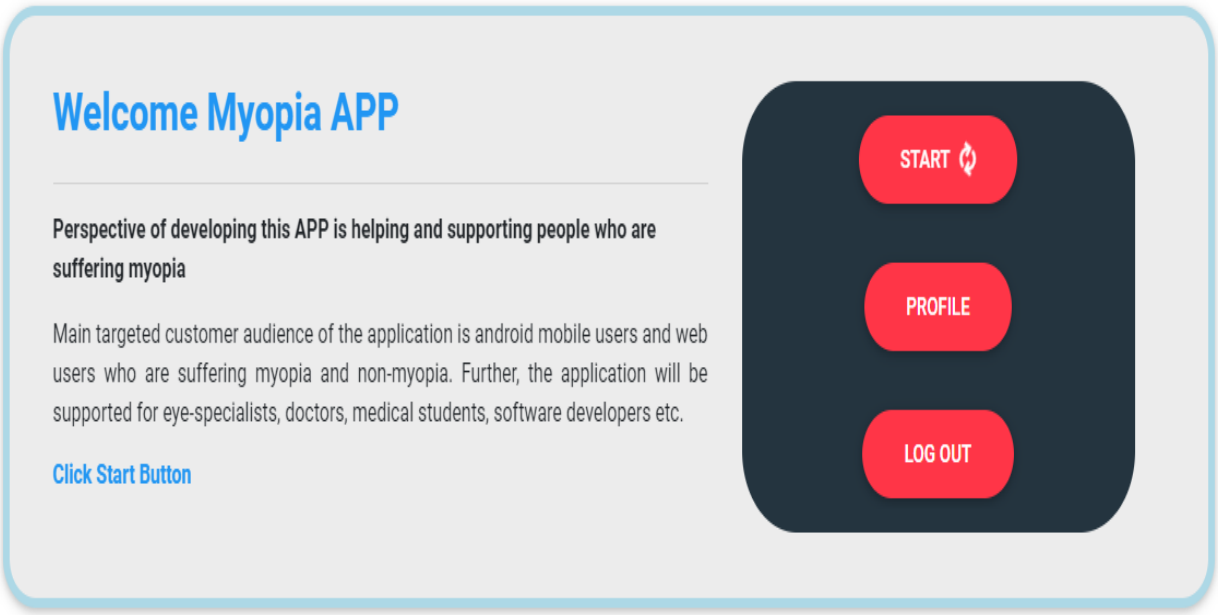
The Myopia app interface consists of three tabs-Home, Profile, and Log Out



Home Tab

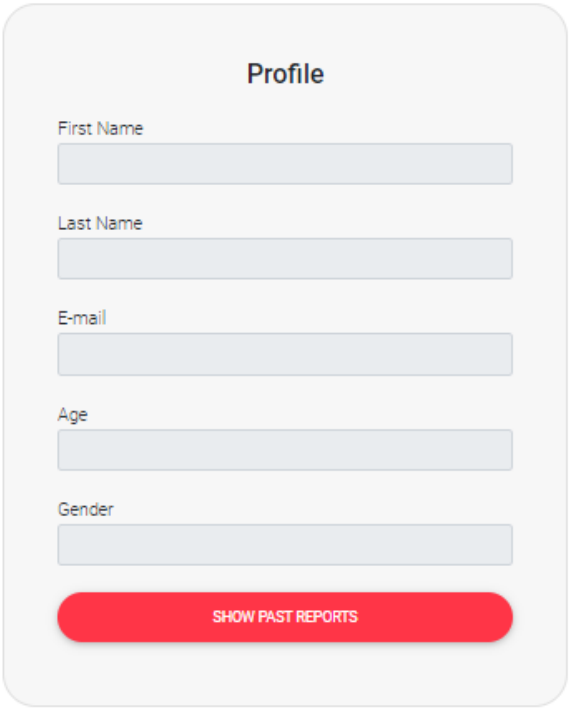
By scrolling down in the home tab mainly, you can find “start” button which allows you to start the eye test and two other buttons which allows to have quick access to two other tabs respectively. Also you can find some important information about this app by scrolling down in this home tab.

Click the “Start” Button to start your eye test.

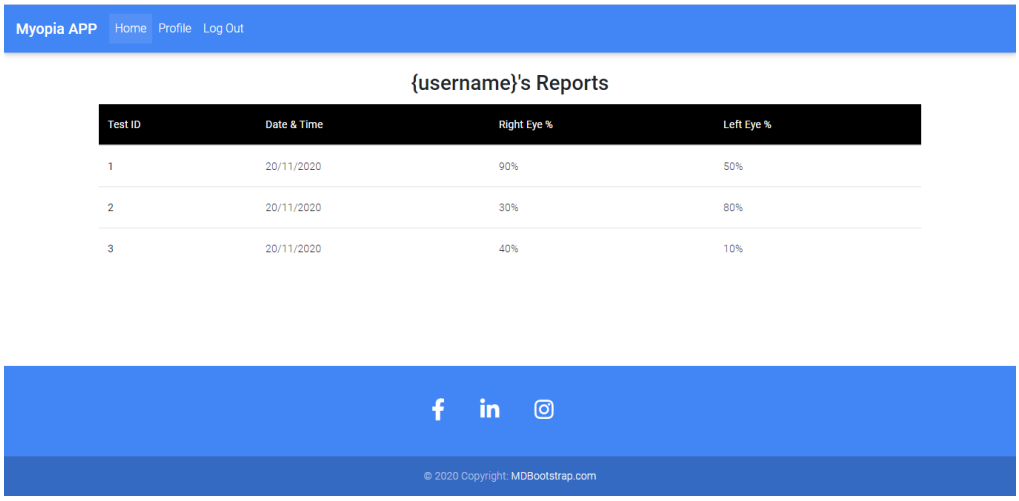


Profile Tab

Click the profile tab or “Profile” button in the home tab to view your profile.



By clicking the “Show Past Reports” button in the profile tab you can view your past reports as follow,



Log

Click the logout tab or “Logout” button in the home tab to logout from the app.

By default you need to sign in only when you start the application for the first time. If you are worried that somebody might get access to your files if your Phone is lost or stolen, you can disable the automatic login on your Phone .In this case, you will have to login each time you start the application.

03. HOW TO

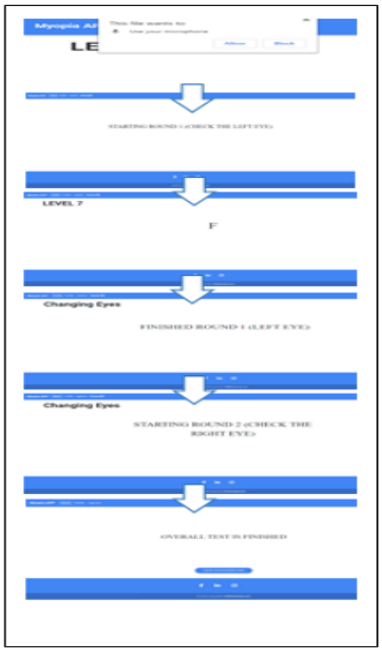
3.1 HOW TO DO THE EYE TEST

Click the “start” button to start the eye test.

Before start the testing ensure you away 10ft or 20ft from the device. You can select 10 ft testing and 20ft testing parts from the web application.

Keep the required distance between the user and device.

Then follow the following steps.



Step 1
- In order to record your readings ,allow the app to use your microphone

Step 2
- In order to check your left eye (close the right eye) try to identify the display characters and read them loudly if you need to record

Step 3
- There 8 levels and try to identify the charcters of each level as far as you can

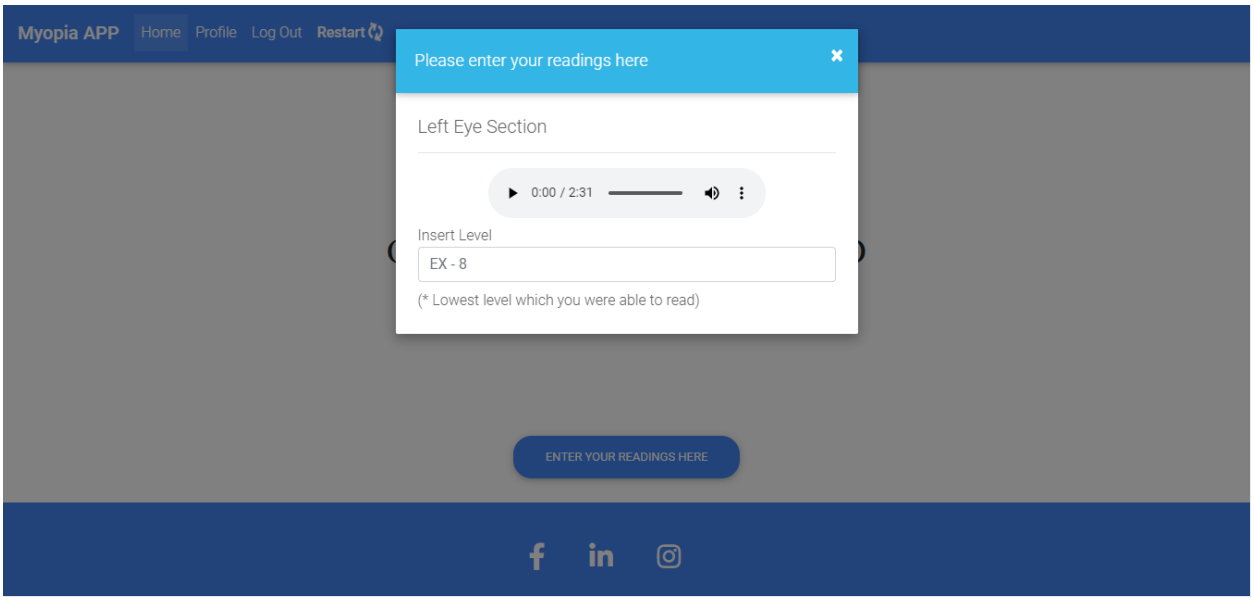
Step 4
- Automatically finished the round 1 and you need to change the eye. (App will give you the command)

Step 5
- In order to check your right eye (close the left eye) try to identify the display characters and read them loudly if you need to record

Step 6
- Overall test is finish and click "Enter Your Readings Here" button

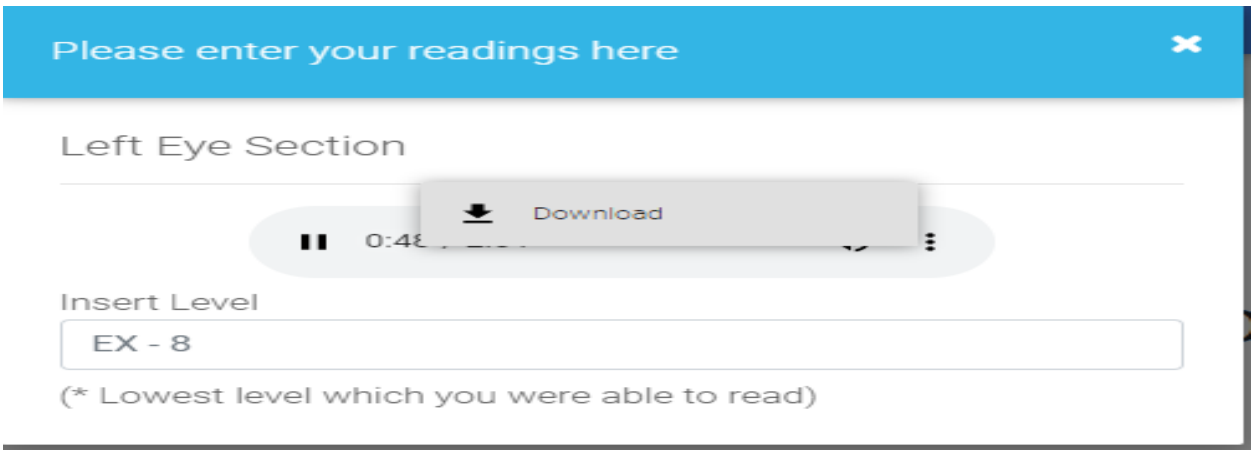
3.2 HOW TO CLARIFY THE RESULTS

Click “Enter Your Readings Here” button to create the results report.



Here you can listen to your recordings and it allows you to find the last level and its characters which were identified by you.

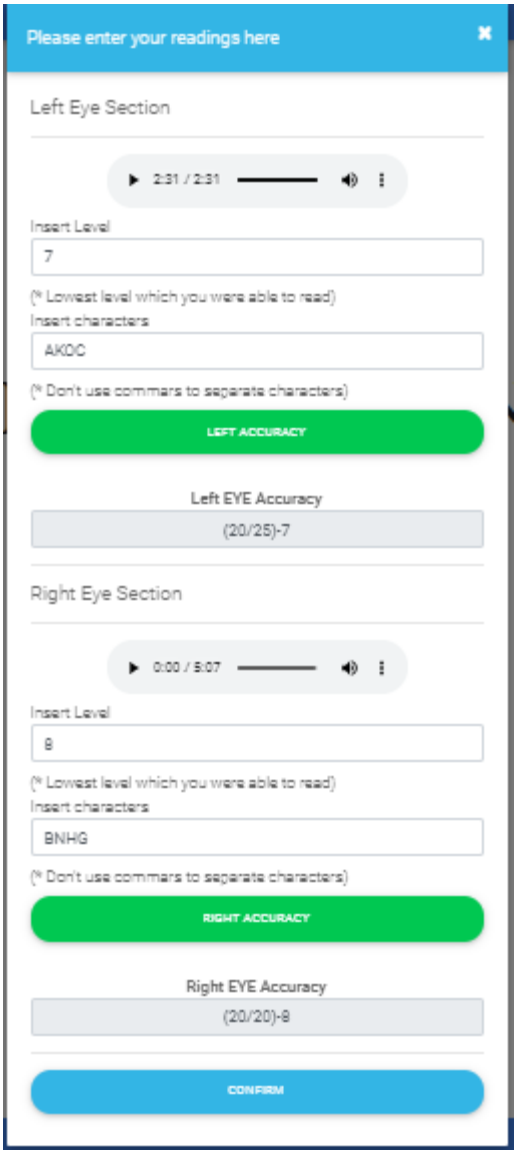
Also there is an option to download your voice recordings as your preference.



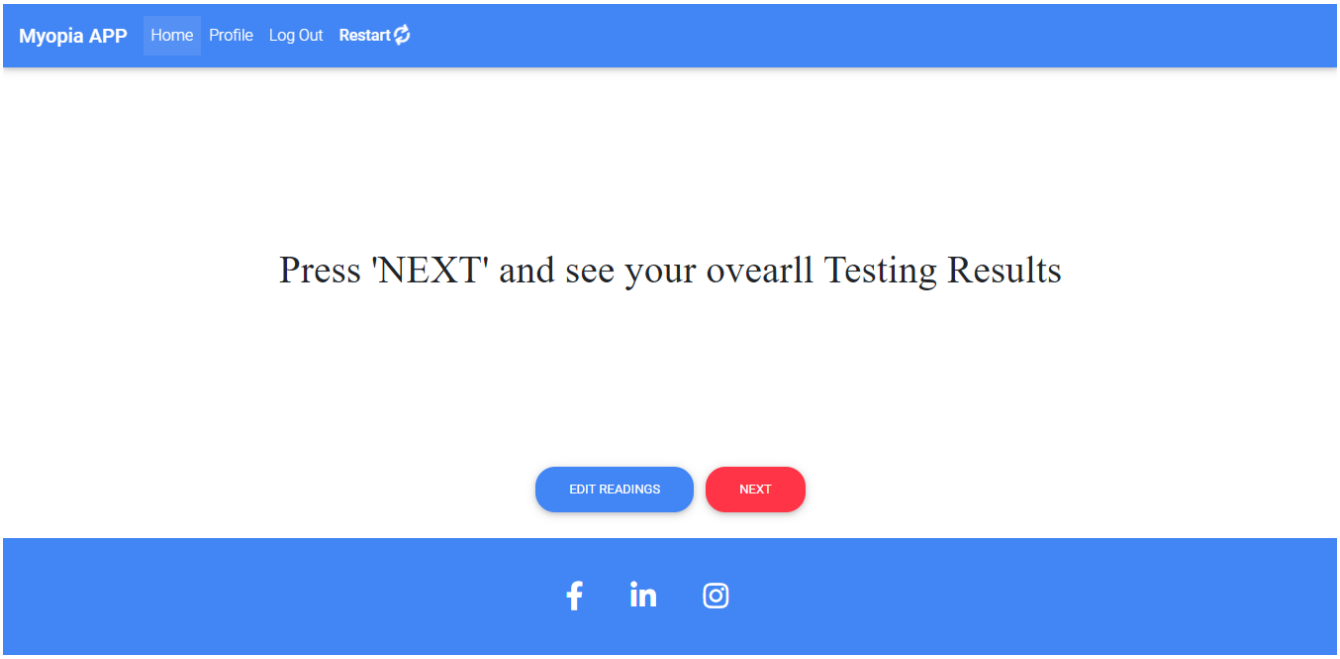
Enter the level and characters which were identified by your left eye at last.

Click the “Left accuracy” button to view your left eye accuracy.

Do the same in order to view your right eye accuracy.



Click the “Confirm” button to confirm your data and then you may look an interface which allows you to edit your data or allows you to go the next page.



Click “Next” button to view your final results report and then you have an option to submit the data.

Do you know what does this mean?

A visual acuity of 20/25 is frequently described as meaning that a person can see detail from 20ft away the same as a person with "normal" eyesight would see from 25 ft. If a person has a visual acuity of (20/25)-7, you are said to see detail from 20 ft away the same as a person with "normal" eyesight would see it from 25 ft away. But in this current status you had missed 7 characters in the snellen chart.