

ExamBooker

Introduction

Our website is an exam scheduling platform. The exam provider is one of the entities that brings everyone together, by linking test centers that administer exams with exam sponsors that offer exams. Test takers are also linked to all entities in the sense that test takers register for an exam offered by an exam sponsor, but schedule their exam on availability posted by the test center. This website will be hosted by a fictitious Exam Provider called Exam Booker.

Test takers will be able to register for any exam that Exam Booker has a partnership with. The test takers can also schedule their exam at any test center that Exam Booker has a partnership with.

Test centers will be able to post their availability with the understanding that any test taker associated with an exam sponsor that is partnered with Exam Booker will be able to fill those slots.

Choice in Technology

Our project will be presented in the form of a website for the following reasons:

1. Isaac has subscribed to AWS Lightsail services, and one of his projects has already been deployed as websites. He is familiar with the process of launching and maintaining a website.
2. A website best suits the needs of our database because test takers need to be able to schedule their exam from anywhere. Scheduling is also a relatively short task that does not require an entire desktop application to be completed.
3. A website can cater to both desktop and mobile users simultaneously which is important for test takers who are at different physical locations in the world when they decide to schedule their exam. They can schedule their exam on the go, or while sitting at home in front of their desktop computer.
4. A website is easier to build and deploy compared to a mobile app, as it does not require an app store review or approval process. For something as simple as exam scheduling a simple deployment is important.
5. Lastly, a website can be indexed by search engines, making it easier to share and discover which is important for exam sponsors to use to market their exams. Additionally, tools such as Google Search Console can be used to monitor traffic and see when test takers are deciding to schedule their exams.

Explanation of Design and Functionalities

By Page and State

Public Logged Out

[Home Page](#)

How to Navigate to this Page: Public users can get here by visiting the URL.

The home page is the landing page where anyone that visits the site will see when they first enter. Both the exam sponsor and the test taker are equally prioritized here, as the test taker will see a button to Register for an Exam, and the exam sponsors are featured through the View Exam Sponsors button.

There is an option to Log In or Register.

Test takers who have not registered for an exam yet (and therefore have nothing to schedule on this exam scheduling platform) will first “Register” and be taken to the [Register an Account](#) page. Test takers who have already registered for an exam once before and would simply like to schedule will click on “Log In”.

The button “Register for an Exam” is functionally exactly the same as “Register”, but in a more intuitive, marketing-based location.

The “View Our Exam Sponsors” button is simply for marketing purposes to advertise the exam sponsors Exam Booker has a partnership with.

“About Us” will take users to our publicly available [About Us](#) page.

[Exam Sponsors List](#)

How to Navigate to this Page: Public users can get here by visiting the URL, or by clicking “View our Exam Sponsors” on the [Home Page](#).

This page helps because it helps increase the legitimacy of Exam Booker by demonstrating its influence in the professional exam industry. It also promotes exam sponsors to test takers they might otherwise not be aware of.

This page will simply query all of the exam sponsors Exam Booker has a sponsor contract with.

Since the test taker and test center users are still not logged in at this stage, the option to Log in and Register are still available for ease of accessibility and continuity purposes.

“About Us” will take users to our publicly available [About Us](#) page.

Test takers who are visiting Exam Booker will likely find their exam sponsor listed here, but in case they accidentally went to the wrong exam provider’s page, we have a link at the bottom of the page that takes them to [other exam providers](#) that might be hosting their exam.

About Us

How to Navigate to this Page: Public users can get here by visiting the URL or by clicking “About Us” on any other publicly available page. Once a test taker or test center is logged in, About Us disappears.

This page provides visitors with an introduction to ExamBooker, who we are, what we do, and how we bring together the different stakeholders in the exam ecosystem. It helps establish the brand identity of ExamBooker and communicates our mission to streamline exam scheduling for test takers, test centers, and exam sponsors. This page will display an overview of ExamBooker’s purpose, core values, and services. It is publicly accessible, and since users are not logged in at this stage, the Log In and Register options remain visible at the top of the page for quick access.

Other Exam Providers

How to Navigate to this Page: Public users can get here by visiting the URL, or by clicking “Click Here” on the alert across the bottom of the page. A test taker who cannot find their exam sponsor on the list of sponsors that have partnered with ExamBooker may find their exam sponsor listed with another exam provider.

ExamBooker is one of many exam providers around the world that help connect test takers, test centers, and exam sponsors. In the exam scheduling database, ExamBooker is one of the records in the exam scheduling database, along with other exam providers such as: ATA, British Council, CertiCore Testing Solutions, and more (some fictitious, some real).

This page will simply query all of the exam providers in our database, minus Exam Booker.

Like other public-facing pages, users who are not yet logged in will still see the “Log In” and “Register” buttons for ease of navigation and continuity across the site.

“About Us” will take users to our publicly available [About Us](#) page.

Test Taker Logged Out

Register an Account Page

How to Navigate to this Page: There are two ways to get here:

- Through the “Register” button on the [Home Page](#)
- Through the “Register for an Exam” button on the [Home Page](#)

In our database, a Test Taker can only exist if they have registered for an exam already. Therefore, it is through the Register button that test takers can enter all of the information needed to create a test taker profile in our database.

The personal information page has all of the entities recorded in the Test Taker entity.

There is a “Continue” button instead of a “Create Account” button because a user that does not finish their exam registration on the next page will NOT be saved in our database, since our database requires a completed exam registration to successfully save a user.

The option to Log In is still available to the user.

Presented by:

Data Miners (Khushi Agarwal, Yang Han, Zofia Stefankovic, Tanya Thomas)

Due Oct 12, 2025

The “Register” button is simply there for continuity purposes.

Register an Exam Page

How to Navigate to this Page: Test takers can only get here directly, and circumvent the account creation part of registration one way:

- Since they are logged in already, through the “Register for another Exam” button on the [My Registrations Page](#).

After a test taker has finished with the personal information section of the registration flow, they can then register for an exam. Here they will select an Exam Sponsor and what exam they are looking to take with the exam sponsor. The payment information will be entered but for the purpose of this project we will not validate the entries, other than to confirm the data types are correct. Anyone who clicks “Complete Registration” with payment information complete will be considered to have paid successfully and completed their registration.

Once they are registered, they will immediately be brought to the [My Registrations page](#).

Log In Page - Test Taker

How to Navigate to this Page: There are two ways to get here:

- Through the “Log In” button on the [Home Page](#).
- Through the “Log In” button on the [Register An Exam Page](#).

Test takers that have already registered for an exam once before will go here. They will be successfully logged in if the email and password combination match what is in our database. We will also explore password hashing options for this.

An unsuccessful login will clear the password only and prompt the test taker to try again.

A successful login will take the user to the [My Registrations page](#).

Test Taker Logged In

My Registrations

How to Navigate to this Page: There are many ways to get to this page:

- After successful [login](#)
- After completing registration for the first time on the [Register an Exam](#) page
- Any instance of My Registrations from the menu bar
- From [My Appointments](#) when the test taker is not scheduled for any exams yet
- From the [appointment scheduled](#) confirmation page
- From the [appointment cancelled](#) confirmation page

This is where test takers will be able to see all of the exams they have registered for. Since an exam registration must exist for there to be a test taker in our database, there will always be at least one registration here. As it stands right now, an exam registration cannot be deleted from the database from here, but we may explore the option of permitting “refunds” which would result in the exam registration being deleted. This has implications on the status of the test taker in the database so these are changes we may implement in a future version of the project.

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Due Oct 12, 2025

Test takers can be registered for multiple different exams at the same time, but they cannot be registered for multiple exams of the same type at the same time. Exams will be organized by the Exam Sponsor that offers them. In this example, the test taker is registered for two exams, each offered by a different sponsor.

A test taker that has scheduled an exam will see a button to “See Appointment Details” which will take them to the [My Appointments](#) page.

A test taker that has not scheduled an exam will see a button to “Schedule Exam” which will take them to the [Schedule or Reschedule Exam](#) page. They will also see an alert to remind them to schedule the exam which will be driven by the Appointment Status attribute on the Appointment entity.

My Appointments - Scheduled

How to Navigate to this Page: This page will only be visible to users who have made an appointment before. If the user is scheduled they will see this page from the following places:

- Any instance of clicking My Appointments in the menu bar.
- From the [appointment scheduled](#) confirmation page
- On the [My Registrations](#) page, when they have clicked the “See Appointment Details” button.

Test takers that have already scheduled their exam once before will be able to see all of their exam appointment details here. The left side of the page is just queried information organized by the Exam Sponsor whose exam they registered for. The test taker will be able to see all of the attributes from the Seat Assignment, and the related Test Center associated with their Seat Assignment.

Test takers will have the ability to reschedule their appointment by clicking the “Reschedule Exam” button which will take them to the [Schedule or Reschedule Exam Page](#).

Test takers will also have the ability to cancel their appointment by clicking the “Cancel Exam” button, which will take them simply to the [Appointment Cancellation Confirmation page](#).

Test takers will still have the ability to navigate to [My Registrations](#) if they want to schedule or view another exam.

The “My Appointments” button is visible just for continuity purposes.

My Appointments - Not Scheduled

How to Navigate to this Page: This page will only be visible to users who have not made an appointment yet. If the user is not scheduled they will see this page from the following places:

- Any instance of clicking My Appointments in the menu bar.
- On the [My Registrations](#) page, when they have clicked the “See Appointment Details” button.

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Due Oct 12, 2025

Test takers who have not made any appointments yet will be brought to this page. It will simply give them an alert that they are not scheduled yet, with a link and a button to go to My Registrations where they will see the button to schedule.

My Registrations button and My Appointments button serve the same purpose as usual and are both visible here for continuity purposes.

Schedule or Reschedule Exam - Before Selection

How to Navigate to this Page: Test takers that are ready to schedule their exam will be brought here. There are two ways to be brought here:

- Clicking “Schedule Exam” from the [My Registrations](#) page
- Clicking “Reschedule Exam” from the [My Appointments](#) page, next to an exam that has already been scheduled before.

Here test takers will be able to see what exam appointments are available in the vicinity of where they searched. Test takers will be able to search for a city, which will query all of the test centers with that city listed in their address. For the sake of this project we will only show test centers with a similar or exact match by city. We will not show test centers that are physically nearby.

The only appointments that will appear are the appointments whose durations are equal to the duration of the exam the test taker has registered for.

Every button with a time on it is one Exam Appointment Availability slot that the test center has posted, which under the hood could accommodate multiple test takers depending on the capacity set for that slot by the test center.

Test takers cannot proceed to complete their appointment scheduling without first clicking an appointment slot. Once a selection has been made the button “Select this Appointment” will be made available, and clicking said button will take the test taker to the [Appointment Scheduled Confirmation](#) page.

Test takers have the ability to abandon their exam scheduling process by going to My Registrations or My Appointments through their respective buttons.

Schedule or Reschedule Exam - After Selection

This is not a separate page necessarily, this is just to show how Select this Appointment will no longer be greyed out when an appointment selection is made.

Appointment Scheduled Confirmation

How to Navigate to this Page: There is only one way to be brought here. That is when a user has clicked “Select this Appointment” after making an appointment selection on the [Schedule or Reschedule an Exam](#) page.

Test takers who have made an appointment selection successfully will be brought to this page. Although the option for My Registrations and My Appointments is available across the top as usual, additional buttons for “Go to My Registrations” and “Go to My Appointments” are shown for ease of navigation.

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Due Oct 12, 2025

Appointment Cancelled Confirmation

How to Navigate to this Page: There is only one way to be brought here. That is when the user has clicked on “Cancel Exam” from the [My Appointments](#) page after having scheduled the exam.

Test takers who have cancelled a specific exam appointment will be brought to this page. Although the option for My Registrations and My Appointments is available across the top as usual, additional buttons for “Go to My Registrations” are shown for ease of navigation. Since this page is only visible when a test taker cancels the exam, to reduce confusion “Go to My Appointments” is not shown, otherwise if they cancelled the only appointment they had scheduled, they might get confused thinking “go to my appointments? But I just cancelled my appointment.” Test takers still have the ability to go to my appointment by navigating through the button on the menu bar.

Test Center Logged Out

Log In Page - Test Center

How to Navigate to this Page: There is one way to get here. Test Centers will click on Login on the Home page and then they will click on “Test Center” on the [Test Taker Login page](#).

They will be successfully logged in if the email and password combination match what is in our database. An unsuccessful login will clear the password only and prompt the test center user to try again.

A successful login will take the user to the [View Availabilities](#) page.

Test Center Logged In

View Availabilities

How to Navigate to this Page: Test centers can access this page in two ways:

- Any instance of the “View Availabilities” button
- From the [Availability Upload Confirmation](#) page after successful file upload

Test centers can see a list of their uploaded availabilities on this page. Duration is calculated automatically from the start and end time of the slot. Capacity Left will update as test takers schedule. If capacity is taken up, the row item will not be removed, it will simply show capacity is 0. This would mean that the test center is fully booked in that time slot. Delete gives test centers the ability to delete any given slot. We may implement an auto-cancellation feature where a test center deleting a slot that test takers are already scheduled for will automatically cancel the test takers’ exams, but only if we have time to implement it. If not, we will restrict the test taker to deleting only slots that have no appointments booked yet.

Test centers have the ability to upload new availability through the Upload Availability button which would take them to the [Upload Availabilities](#) page.

Upload Availabilities

How to Navigate to this Page: Test centers can access this page in two ways:

- Any instance of the “Upload Availabilities” button
- From the [Availability Upload Confirmation](#) page after successful file upload

Test centers can upload a CSV file with their availability. Instructions are provided to ensure the document is in the format that is needed to parse the data and enter it into the database. A message is shown to let test centers know that an unsuccessful upload will result in none of the records being inserted. This makes it easier for the test center to know which entries were uploaded and which were not. If the file upload is successful, then 100% of the entries were inserted. If the file upload is not successful, 0% of the entries were inserted.

A successful upload will bring them to the [Availability Upload Confirmation](#) page. An unsuccessful upload will display an error pop up message.

The button “Upload Availability File” will open up their device’s file explorer to upload the CSV file.

Test centers have the ability to view their existing availability from this page using the View Availabilities button, and Upload Availabilities is still there for continuity purposes.

Availability Upload Confirmation

How to Navigate to this Page: The only way to reach this page is if a test center successfully uploads the CSV file with their availability on the [Upload Availabilities](#) page.

After doing so they will have the ability to view availability and upload more availability. The buttons to do so are still available in the menu page, but are shown below the confirmation message for ease of access.

EXAM BOOKER

[About Us](#)[Log In](#)[Register](#)

Supercharge your career today.

[Register for an Exam](#)[View Our Exam Sponsors](#)

Our Exam Sponsors

ACHE - American College of Healthcare Executives
Amazon Web Services (AWS)
American Medical Accounting & Consulting (AMAC)
American Registry for Diagnostic Medical Sonography (ARDMS)
Autodesk Certification Program
Board For Global EHS Credentialing® (BGC®)
Bradley University
California Certifying Board for Medical Assistants (CCBMA)
Certified Therapeutic Riding Instructor (CTRI)
Child Development Associate (CDA) Credential
Commission on Dietetic Registration (CDR)
Diplomatic Security, Security Engineering Officer Test (DSSEOT)
FINRA
Florida Construction Business and Finance
GED Test
Idaho Real Estate
iSQI
Nevada Insurance
North Carolina Real Estate Commission
Oregon Educator Licensure Assessments (ORELA)
PRMIA
Project Management Institute
Tanium Certifications
UCAT
Washington Educator Skills Tests (WEST)
World Institute for Nuclear Security (WINS)

Not finding your exam sponsor? They may be partnered with a different exam provider.

[Click here to see other exam providers that may be partnered with your exam sponsor.](#)

EXAM BOOKER

[About Us](#)[Log In](#)[Register](#)

Other Exam Providers

- ATA
- British Council
- Certicore Testing Solutions
- EduPro Assessments
- ETS
- Global Certification Alliance
- Knowledge Bridge Examinations
- PSI
- Prometric
- Pearson VUE
- Skillify Institute



EXAM BOOKER

[About Us](#)[Log In](#)[Register](#)

About Us

Hi there! We're ExamBooker, your trusted exam provider.

Our mission is simple: to make exam scheduling seamless for everyone involved. We bring together exam sponsors, test centers, and test takers on one easy-to-use platform.

At ExamBooker, test takers can register for an exam with our partnered exam sponsors and schedule their exams, and test centers can post their test taking availability slots, all in one place.

Whether you're hosting exams, managing a testing site, or preparing to take your next big test, we're here to make the entire process smoother, faster, and stress-free.

Welcome to ExamBooker, where scheduling your success begins.

EXAM BOOKER

[Log In](#)[Register](#)

Create an Account

Personal Information

First Name

Last Name

Email Address

Phone Number

Exam Selection

Address Line 1

State

City

Zip Code

Create a password

- Must be at least 8 characters long
- Must include at least one uppercase letter and one number
- Must include at least one special character (e.g. !, @, #, \$)

[Continue](#)

EXAM BOOKER

[Log In](#)[Register](#)

Register for an Exam

Personal Information

Exam Selection

Exam Sponsor



Exam Type



Submit Payment

Name on Credit Card



Card Number

Expiration Date (MM/YY)

CVV

[Complete Registration](#)

EXAM BOOKER

[Log In](#)[Register](#)

Welcome Back

[Test Taker Login](#)[Test Center Login](#)

Email Address

Password

[Log In](#)

EXAM BOOKER

[Log In](#)[Register](#)

Welcome Back

[Test Taker Login](#)[Test Center Login](#)

Email Address

Password

[Log In](#)

EXAM BOOKER

My Registrations

My Appointments

My Registrations

Project Management Institute

Project Management Professional (PMP)  *Your exam is not scheduled yet!*

Schedule Exam

FINRA

Series 7 Exam

See Appointment Details

Register for another Exam

EXAM BOOKER

[My Registrations](#)[My Appointments](#)

My Appointments

FINRA

Series 7 Exam

Date and Time

December 12, 2025
9:00 AM EST
240 minutes

Exam Location

AVNA Testing Center - Downtown NYC
139 Fulton St # 605
New York, NY 10038

[Reschedule Exam](#)[Cancel Exam](#)

EXAM BOOKER

[My Registrations](#)[My Appointments](#)

My Appointments

You are not scheduled for any exams yet. Go to [My Registrations](#) to schedule an exam

[View My Registrations](#)

EXAM BOOKER

[My Registrations](#)[My Appointments](#)

Exam Scheduling

FINRA Series 7 Exam

Available Appointments

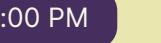
Search for a city

 New York City 

AVNA Testing Center - Downtown NYC

139 Fulton St # 605
New York, NY 10038

December 12, 2025

9:00 AM  1:00 PM 

December 13, 2025

10:00 AM  2:00 PM 

Brainseed Testing

566 7th Ave Suite 703, 7th Floor
New York, NY 10018

December 8, 2025

2:30 PM 

December 10, 2025

8:00 AM 

Select this Appointment

EXAM BOOKER

[My Registrations](#)[My Appointments](#)

Exam Scheduling

FINRA Series 7 Exam

Available Appointments

Search for a city

 New York City 

AVNA Testing Center - Downtown NYC

139 Fulton St # 605
New York, NY 10038

December 12, 2025

December 13, 2025

Brainseed Testing

566 7th Ave Suite 703, 7th Floor
New York, NY 10018

December 8, 2025



December 10, 2025



Select this Appointment

EXAM BOOKER

My Registrations

My Appointments

Your appointment has been scheduled!

[Go to My Registrations](#)

[Go to My Appointments](#)

EXAM BOOKER

My Registrations

My Appointments

Your appointment has been cancelled!

Go to My Registrations to schedule another exam.

[Go to My Registrations](#)

EXAM BOOKER

[View Availabilities](#)[Upload Availabilities](#)

View Availabilities

Date	Start Time	End Time	Duration	Capacity Available	Capacity Left	Action
December 10, 2025	9:00 AM	10:00 AM	1 hour	5	3	Delete
December 10, 2025	10:00 AM	11:00 AM	1 hour	5	2	Delete
December 10, 2025	11:00 AM	12:00 PM	1 hour	5	0	Delete
December 10, 2025	12:00 PM	4:00 PM	4 hours	5	1	Delete
December 10, 2025	4:00 PM	6:00 PM	2 hours	5	5	Delete
December 11, 2025	9:00 AM	10:00 AM	1 hour	5	4	Delete
December 11, 2025	10:00 AM	11:00 AM	1 hour	5	4	Delete
December 11, 2025	11:00 AM	12:00 PM	1 hour	5	1	Delete
December 11, 2025	12:00 PM	4:00 PM	4 hours	5	0	Delete
December 11, 2025	4:00 PM	6:00 PM	2 hours	5	2	Delete

EXAM BOOKER

[View Availabilities](#)[Upload Availabilities](#)

Upload Availabilities

Please upload your availabilities in .csv format here. File must contain the following columns:

- a. Date (MM-DD-YYYY)
- b. Start Time (HH:MM AM/PM)
- c. End Time (HH:MM AM/PM)
- d. Duration (Number)
- e. Capacity Available (Number)

An unsuccessful upload will result in 0 availabilities being uploaded. Please fix the error and try again.

[Upload Availability File](#)

EXAM BOOKER

[View Availabilities](#)

[Upload Availabilities](#)

Your availabilities have been uploaded!

[View Test Center Availabilities](#)

[Upload More Availabilities](#)