

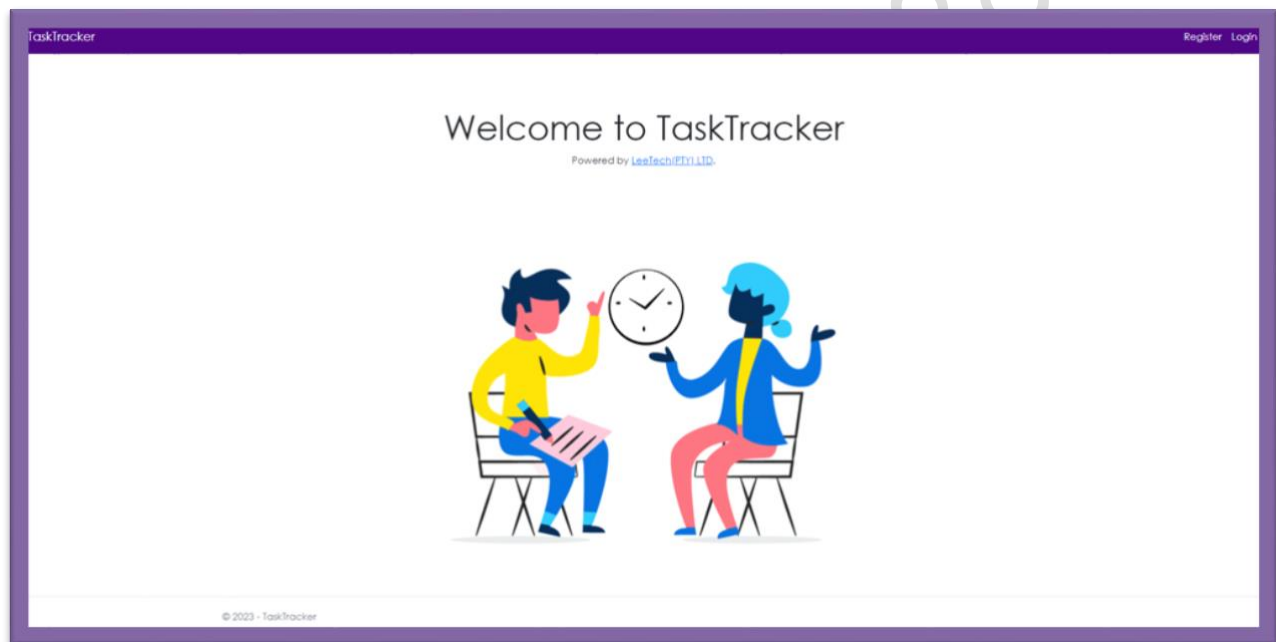
Leighché Jaikarran

## INSTALLATION AND USER MANUAL GUIDE

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# TASKTRACKER

V.3 2023



Month 2023

Version 3.0

**Leighché Jaikarran**

Property of ST10033808

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# 1 PREFACE

## 1.1 Description of the user

The TaskTracker user manual is specifically crafted for individuals engaged in academic pursuits, targeting a diverse user base ranging from students to educators. Here's a detailed breakdown of the intended users:

### User Type:

**Students:** TaskTracker is primarily designed for students across various academic levels, including high school, undergraduate, and postgraduate studies. It caters to the needs of those navigating complex coursework, managing assignments, and striving for academic success.

### User Skills and Expertise:

**General Computer Literacy:** Users should possess basic computer literacy skills, including familiarity with desktop applications and web-based interfaces. The user interface of TaskTracker is designed to be intuitive, but a fundamental understanding of digital tools is beneficial.

**Time Management Awareness:** TaskTracker emphasizes time management; thus, users are expected to have a basic understanding of time management principles. The application provides tools to enhance these skills further.

### Restrictions and Requirements:

**No Special Certifications Needed:** TaskTracker is designed to be accessible without requiring special certifications. Users are not obligated to undergo specific training to use the application effectively.

**No Technical Expertise Required:** The user manual is crafted to guide users without the need for advanced technical expertise. Clear instructions are provided for each feature, making it accessible to a broad audience.

**Access Limitations:** While TaskTracker is designed for widespread use, access may be restricted to authorized users within an educational institution. This ensures the privacy and security of academic data.

## 1.2 Conventions used in this manual

For clarity and user-friendliness, the TaskTracker manual employs specific conventions:

### Text Formatting:

**Bold:**

- Field elements, user actions, and processes are in bold for easy identification.
- System output, URLs, paths, and filenames are in a courier font.

### User Interface Styling:

- Purple Buttons with White Font:
- Color Scheme: Buttons within the TaskTracker interface are styled in a distinctive purple color with white font. This design choice aims to provide a visually appealing and recognizable interface.

**Century Gothic Font:**

- interface text, excluding buttons, uses the Century Gothic font for a clean and modern appearance.

**Bold Headings:**

- Headings are in bold for easy identification and navigation.

### Normal Font Elsewhere:

- General text uses a regular, normal font for a balanced and readable format.

### Specific Interface Elements:

**Purple Edit, Update, and Delete Buttons:**

- Critical action buttons (Edit, Update, Delete) are highlighted in purple for quick identification.

**Standard Navbar Layout:**

- The navigation bar follows a standard layout for ease of navigation, ensuring consistency and familiarity for users.

### 1.3 Explanation of Error Messages

In the event that an error occurs while using TaskTracker, the application provides clear and informative error messages in a standardized format. Understanding these error messages is crucial for effective troubleshooting. Here are the conventions used to explain error messages:

Format:

- Error messages are presented in a clear and concise format, often accompanied by relevant details about the nature of the error.

Courier Font:

- Error messages are displayed in a courier font to distinguish them from regular text, aiding users in quickly identifying and addressing issues.

Contextual Guidance:

- Each error message is accompanied by contextual guidance or suggested actions to assist users in resolving the issue. This ensures that users have the necessary information to troubleshoot effectively.

Consistent Terminology:

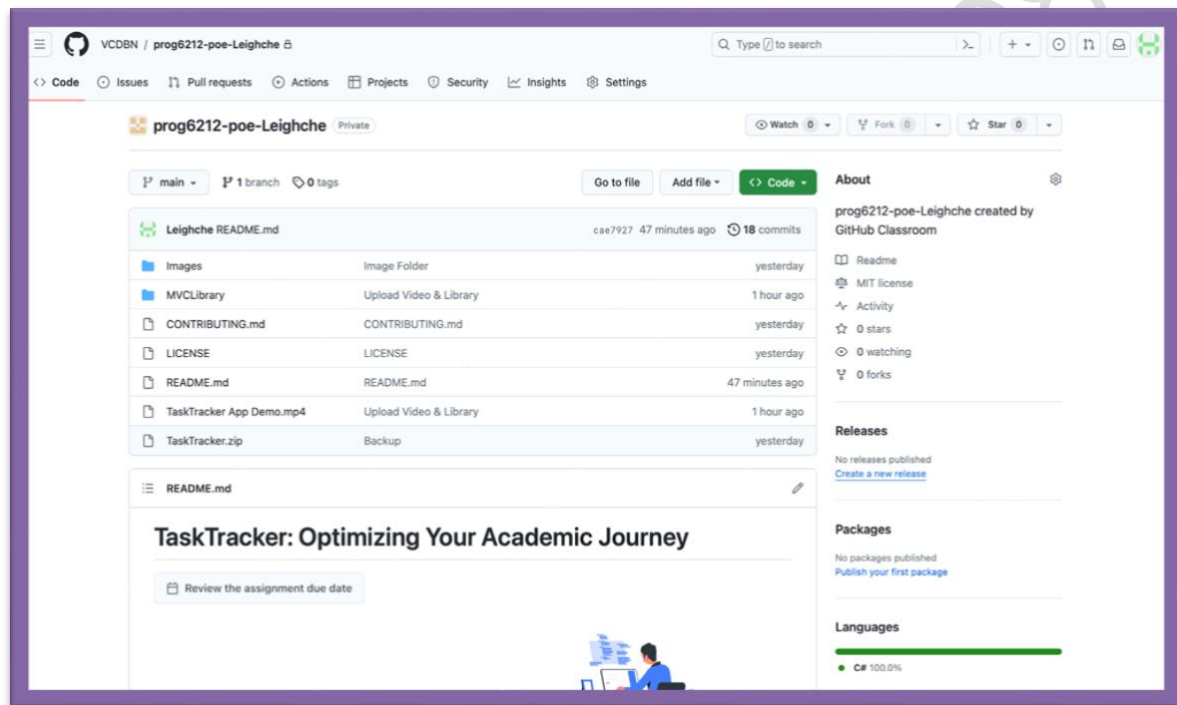
- The terminology used in error messages is consistent with the language used throughout the manual, promoting a unified and coherent user experience.

## 1.4 Obtaining documentation and information

### 1.4.1 Internet

The latest version of the TaskTracker documentation is conveniently available online. To access the most up-to-date information, visit the following address:

<https://github.com/VCDBN/prog6212-poe-Leighche.git>



## 1.5 Documentation Feedback

Your feedback is invaluable to us! If you are accessing ST10033808 repo app documentation on the internet, we welcome your comments and suggestions. You can submit feedback conveniently on our support website. Alternatively, feel free to send your comments via email to [LeighcheLeighche28@gmail.com](mailto:LeighcheLeighche28@gmail.com). We appreciate your input and strive to continuously improve our documentation based on user insights.

## 1.6 Software Compliance

TaskTracker prioritizes robust coding and development practices, going beyond traditional standards. Here's how we align with best practices:

### Coding Standards:

- Adherence to recognized coding standards for collaboration and accessibility.
- Thoughtful variable and function naming for clarity and maintainability.
- Comprehensive documentation for effective understanding and contribution.
- **Comprehensive Comments:**
  - Rich comments in the codebase for enhanced collaboration and readability.

### Open Source and MIT License:

- TaskTracker proudly follows an open-source model with the MIT License.

### Community Contribution Guidelines:

- Developers are welcome to follow our Contribution Guidelines for a collaborative environment.



## 1.7 Understanding the user interface

### MVC Layout:

TaskTracker's architecture follows the MVC pattern, ensuring a clear separation of concerns. The Model handles data logic, the View manages the presentation layer, and the Controller orchestrates user interactions.

### Color Scheme:

Purple Navbar with White Font:

Distinctive purple navigation bar enhances visibility, complemented by white font for readability and brand recognition. Black Font Elsewhere:

Consistent use of black font throughout the application for a balanced and professional appearance.

### Loading Animations:

Engaging Typing Animation:

Welcoming typing animation on the welcome screen enhances user onboarding, creating an interactive introduction.

### Module Management:

Create, Edit, Delete Modules:

Seamless module management allows users to customize TaskTracker to their needs with easy creation, editing, and deletion.

Reminders and Notifications:

Set Reminders:

Users can set reminders for deadlines and tasks, promoting organization and timely task management.

Real-time Notifications:

Real-time notifications on set reminder days keep users informed and help them manage their schedules effectively.

## User-Centric Design:

### Intuitive Navigation:

User interface prioritizes intuitiveness for effortless navigation.

### Clear Call-to-Action Buttons:

Strategically placed and designed call-to-action buttons ensure easy identification and interaction, enhancing user experience.

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## 2 Preparation

### 2.1 Dependencies

TaskTracker relies on the following technologies and libraries:

- .NET Framework
- MVC ASP.NET CORE WEB APPLICATION
- LINQ (Language Integrated Query)
- Entity Framework Core for database access

### 2.2 How to Install the Software

Follow these step-by-step instructions to install TaskTracker software on your desktop:

**Download or require more help visit:**

Visit the TaskTracker repository at <https://github.com/VCDBN/prog6212-poe-Leighche.git>

Locate the download section and choose the appropriate version for you.

**Run the Installer:**

Once the download is complete, run the installer file.

Follow the on-screen instructions provided by the installer to proceed with the installation.

**Configuration:**

During installation, you may be prompted to configure certain settings, such as installation location and shortcuts. Customize these settings according to your preferences.

**Completion:**

After successful installation, TaskTracker is ready to use. Launch the application and proceed to set up your academic modules and preferences.

### 2.2.1 Using the software

Watch the Tutorial video (**preferable loom**)

Youtube Tutorial

Loom

If the buttons not working pls try:

YouTube: [https://youtu.be/eUV-osuKPpE?si=cC\\_PAHg-f70mg3rx](https://youtu.be/eUV-osuKPpE?si=cC_PAHg-f70mg3rx)

Loom: <https://www.loom.com/share/d1c04e691a3c4d1ca329ad0ccf7165b7?sid=267ed71c-13b2-42fd-a84e-7010307f6d30>

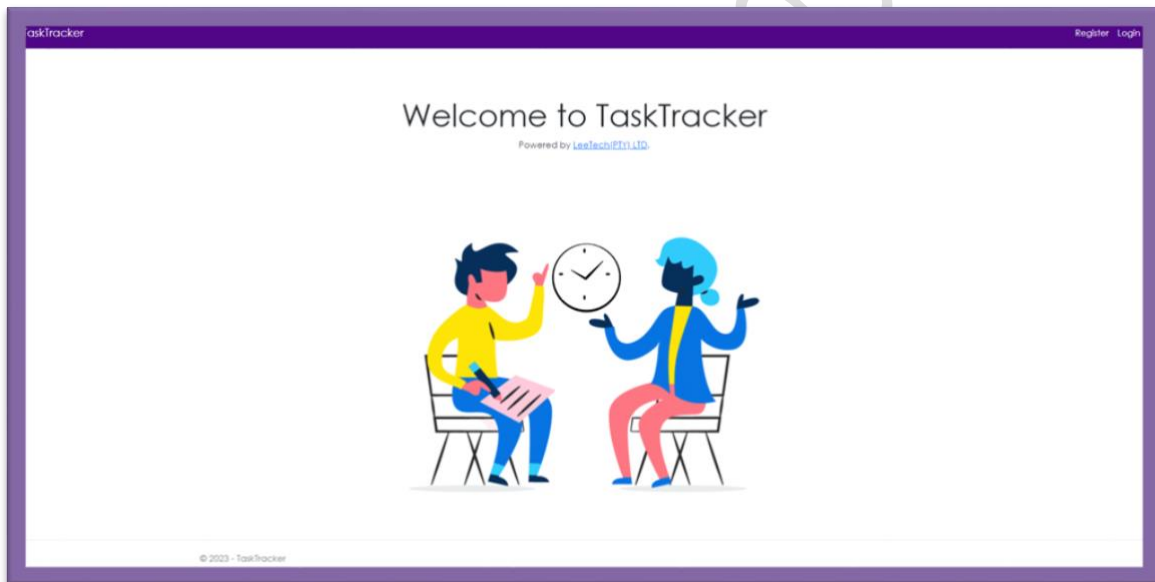


Fig. 2 When you launch the app this is the launch page you greeted with.

article about setting up this ASP.NET application to support logging in via external services.' At the bottom left, there is a copyright notice: '© 2023 - TaskTracker'."/>

*Fig. 2 This is the register page users can enter their details follow the on-screen prompts and create an account*

article about setting up this ASP.NET application to support logging in via external services.' At the bottom left, there is a copyright notice: '© 2023 - TaskTracker'."/>

*Fig. 2 After creating an account you can log in with those details here by pressing log in.*



Fig. 2 After logging in, the homepage is the same so lets skip to here, this is the manual page it gives users a short introduction to the application.

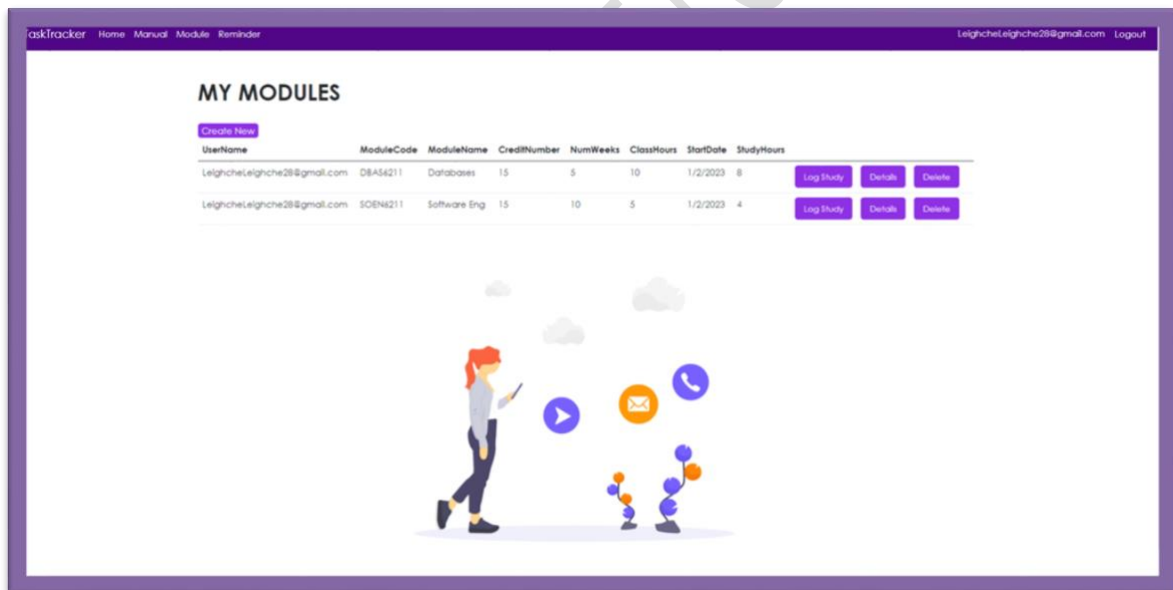


Fig. 2 You can then tap the Module tab here you can create, view details, delete, and log studies.

askTracker Home Manual Module Reminder LeighcheLeighche28@gmail.com Logout

## Log Studies

Log your study hours

DateStudied

HoursStudied

[Calculate](#) [Back to List](#)

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*Fig. 2 If you press log studies you can enter when you studied and the hours here and press calculate which will subtract your study hours.*

askTracker Home Manual Module Reminder LeighcheLeighche28@gmail.com Logout

## Delete

Are you sure you want to delete this?

UserName	LeighcheLeighche28@gmail.com
ModuleCode	DEAS4211
ModuleName	Databases
CreditNumber	15
NumWeeks	5
ClassHours	10
StartDate	1/2/2023
StudyHours	8
DateStudied	1/1/2023
HoursStudied	2

[Delete](#) [Back to List](#)

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*Fig. 2 if you press delete you can remove the module forever.*

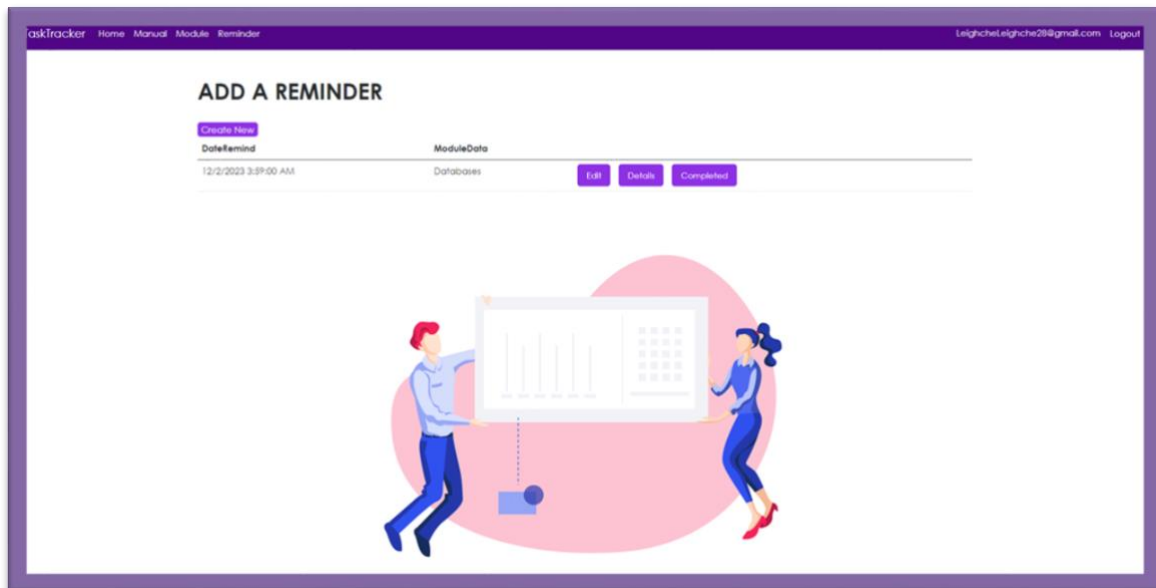


Fig. 2 When you tap the reminder tab you taken here, here you can, create, edite, view details, mark reminders/studies complete.

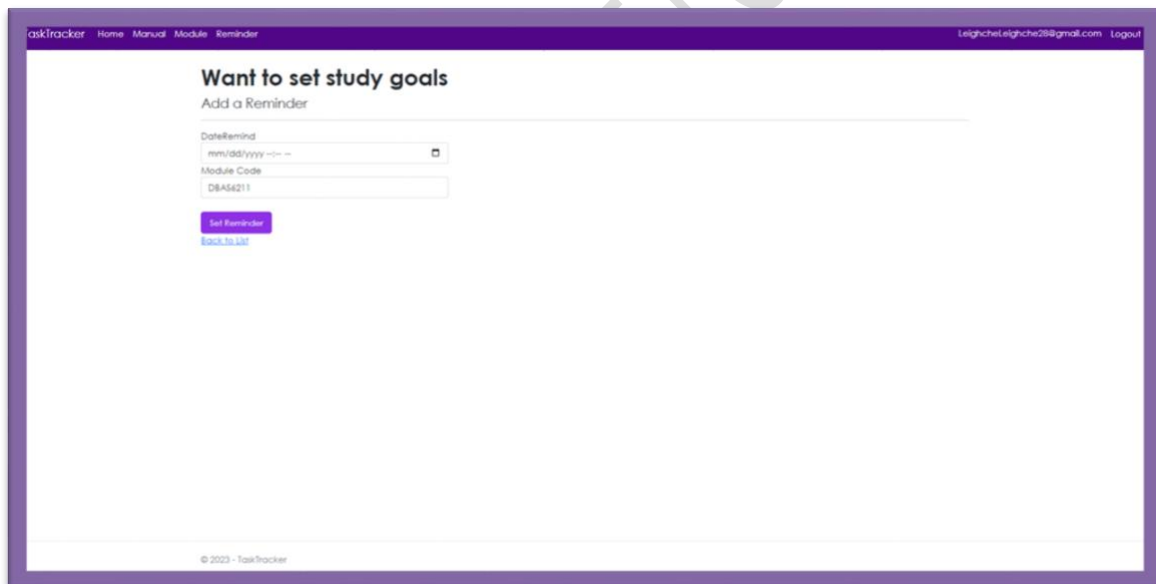
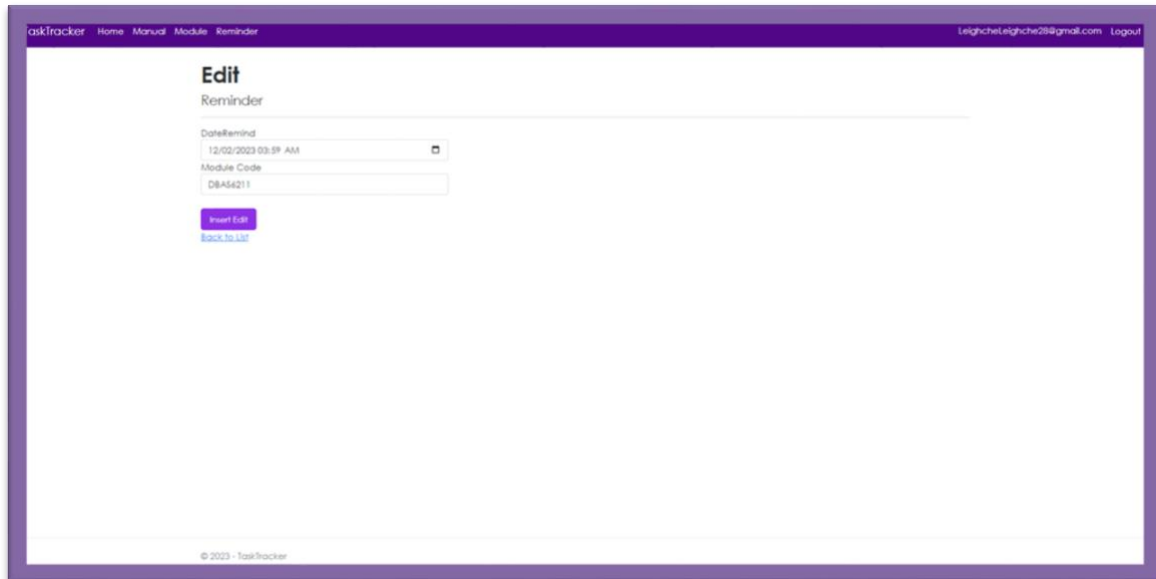
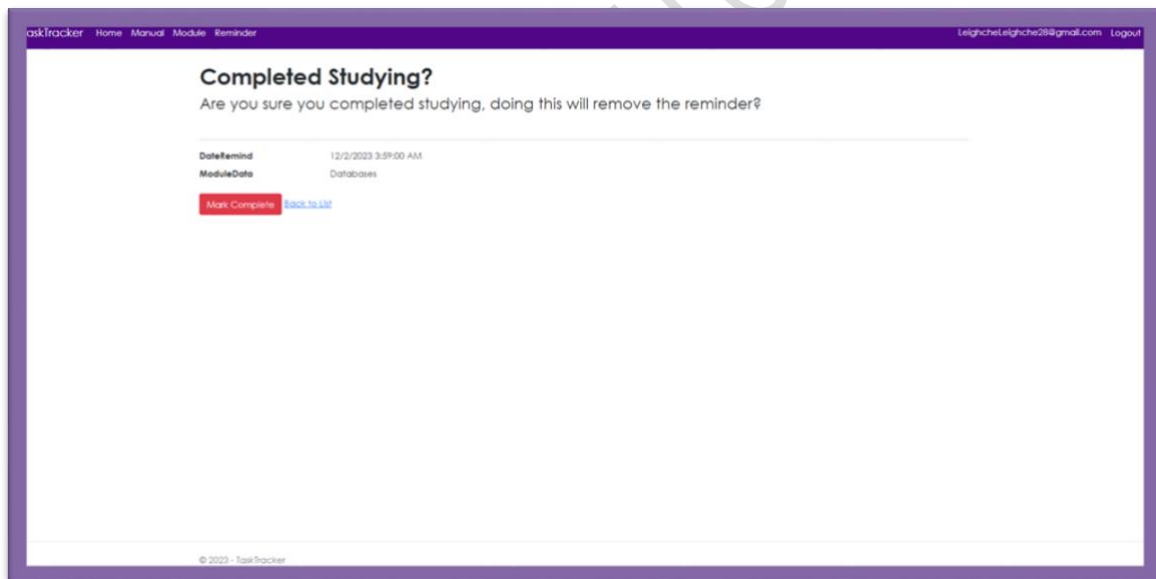


Fig. 2 When you press the create reminder, you enter the date you want to be remind, and the module code then press set reminder and on that day you'll get a notification.





*Fig. 2 When you tap the edit reminder you can change the date and the module code of that reminder to another.*



*Fig. 2 When you tap the completed button you can mark the study reminder that you set as completed and it wont show up again it will be removed.*

## 2.3 Code Attribution

Database first approach in ASP.NET Core 6 Complete CRUD Operation - Noor Codelogic. 2022. Youtube video, added by Noor Codelogic. [Online]. Available at:  
[https://youtu.be/zQLdpm8icTw?si=mR0t9d4\\_z54mPQ2P](https://youtu.be/zQLdpm8icTw?si=mR0t9d4_z54mPQ2P)

[Accessed 28 November 2023].

Farrell, J. 2017. Visual C# 2017: An Introduction to Object-Oriented Programming. 7th Edition. Cengage Publishing.

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