CSCE 606 Project 1
Fall 2025
Group 9

Habit Tracker

Habit Tracker is a simple to-do and activity tracker app designed to help users keep track of their weekly tasks. This app lets you add required tasks in seconds, keep an organized list separated by to-do and done, and quickly edit or remote items as your week changes. It can be run on your browser through Heroku or a copy can be cloned onto your local computer.

What *Habit Tracker* Can Do

- Add tasks to weekly calendar grid
- Mark tasks as completed
- Review completed items
- Edit or delete tasks as needed

Ideal Users

- Students and busy professionals
- Anyone who likes using simple to-do lists

User Guide Table of Contents

Contact Information

If you experience any issues or have any questions that are not answered within this User Guide, please contact Group 9 members. Members can be reached through email at Group9-CSCE606@tamu.edu or by phone at (555) 555 - 5555.

Group 9 Members:

- Amira Wallace
- David Petika
- Ivan Reyes
- Jessica Salguero, UIN: 937005006
- Jonathan Vega

Activity Events Grid

The home screen of the *Habit Tracker* app is a weekly grid where users can visualize current activities they have added into their "To Do" and "Done" sections. The current day of the week will be highlighted in a different color.

The header includes buttons for some of the primary features available to users of the *Habit Tracker* app. These features include: adding a new user, adding a new activity to the database, adding a new event to the weekly calendar. When using different pages/features within the app, clicking the "Home" button will return users to the Activity Events Grid.

Habit Tracker

Home | New User | New Database Activity | New activity event

Activity events

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
To Do			Bike	Gym			
Done							

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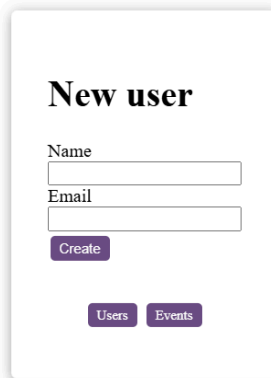
Adding a New User to Database

Each individual activity event is associated with a specific user, including their name and email address. Users are stored in a database. New users can be added to this database by clicking the "New User" button in the app's header. This will take users to a new page where they can add a new user's name and email address, then click the "Create" button to officially add them to the User Database.

Habit Tracker

Home | New User | New Database Activity | New activity event

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New user

Name

Email

Create

Users   Events

On this page, the "Events" button will return users to the home screen containing the Activity Events weekly grid. Additionally, users are able to access the current User Database by clicking the "Users" button.

Habit Tracker

Home | New User | New Database Activity | New activity event

Users

Name: John Doe

Email: johndoe@yahoo.com

Show this user

Name: Jane Doe

Email: janedoe@yahoo.com

Show this user

Name: Tom Pain

Email: TomPain@yahoo.com

Show this user

Name: Bob

Email: bobTodd@yahoo.com

Show this user

New user

Back to Events

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Adding a New Activity to Database

Each individual activity is associated with an activity name, short description, and activity type. These activities are stored in a database. New activities can be added to this database by clicking the "New Database Activity" button in the app's header. This will take users to a new page where they can add the required information, then click the "Create" button to officially add the new item to the User Database.

Habit Tracker

Home | New User | New Database Activity | New activity event

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New activity

Activityname

Description

Activitytype

Gym

Create

Activities   Events

On this page, the "Events" button will return users to the home screen containing the Activity Events weekly grid. Additionally, users are able to access the current Activities Database by clicking the "Activities" button.

Habit Tracker

Home | New User | New Database Activity | New activity event

Activities

Activityname: Gym

Description: Lift big, get swole

Activitytype: 4

Show this activity

Activityname: Bike

Description: Taken a stroll around the block, or completing in the tour d france

Activitytype: 4

Show this activity

Activityname: Homework

Description: An assignment or project

Activitytype: 2

Show this activity

Activityname: Test

Description: Study so you won't fail

Activitytype: 2

Adding a New Activity Event to Calendar Grid

Each Activity Event is associated with a due date, completion status, user, activity, and description. These activity events are stored in a database and displayed on the weekly calendar grid, split into two sections: "To Do" if the item is not marked as completed, and moved to the "Done" section when the item is marked as completed. New activities can be added to the weekly calendar by clicking the "New Activity event" button in the app's header. This will pop up a new module where users can add the required information, then click the "Create" button to officially add the new item to the Activity Event Database.

On this page, the "Events" button will return users to the home screen containing the Activity Events weekly grid.

Editing/Deleting Activity Events from Weekly Grid

Activity events can be edited directly from the home screen grid. When users click on any of the activities within their weekly calendar, this will pop up a new module showcasing the details of this specific event. Details include due date, completion status, time of creation, time of update, the user, activity, and description.

To delete an activity event from the weekly grid, click the "Delete" button. To make changes to an activity event, click the "Edit" button. This will open up a new module titled "Editing Activity Event." On this page, the activity event's due date, completion status, associated user, activity, or description can be changed. When finished, click the "Create" button and the activity event will be updated on the weekly grid.