

# Lab 9 - Kick Start Project:

Team Number : 014 - 05

Team Name: Datura Developers

Team Members:

- Jeremy Chau - jtghchau - [jech2118@colorado.edu](mailto:jech2118@colorado.edu)
- Carolyn Dockhorn - carolyn999 - [carolyn.dockhorn@colorado.edu](mailto:carolyn.dockhorn@colorado.edu)
- Estella Duong - EstellaDuong - [esdu4090@colorado.edu](mailto:esdu4090@colorado.edu)
- Sofie Ravnborg - SofieRavnborg - [sora5625@colorado.edu](mailto:sora5625@colorado.edu)
- Celaena Thomas - anth4352 - [celaena.thomas@colorado.edu](mailto:celaena.thomas@colorado.edu)

Application Name: Datura

Application Description:

This application is a study timer app with many features such as a pomodoro timer, study goal documentation, and a character which encourages you to achieve your goals. Each time a goal is completed, the user is awarded a certain amount of coins based on whether the task was completed. The user can use the coins to purchase attire for their character in a randomized system. For example, pressing a clothing button costs 'x' coins and they would get a common, rare, or legendary clothing item.

- Add a calendar to keep track of the history and show optimal focus times and add scheduling options
- Add Friends List and have the option to create private leaderboards
- Add a dashboard for users to track historical, showing the metrics of the user

Users can document what they studied/what they learned as well as customize their character.

You can also use coins to purchase themes for the application page. For example, the user can choose to change the font/color of the application after saving enough coins. This application will assist students in achieving their study goals. The character will be on the screen as the timer ticks on, sometimes displaying encouraging messages such as "You can do this!" and "Don't give up.". Overall, there will be a clothing feature, pomodoro timer

setting, goal documentation, and a coin database to keep track of the user's coins.

#### Audience:

The target audience for our application is students, people who have trouble focusing, and people who want to improve their task efficiency. The specific problem our software aims to solve is the inability to stay focused and the lack of discipline when completing a task. When the user has a timer, character and visual data, it encourages them to be more disciplined when studying or doing a task they need to complete.

The usability of this app will be intuitive, as there will be clear indicators of what each button does. The accessibility is world-wide and anyone is able to use the application. Overall, our target audience is students/people who want to improve their task efficiency and our application aims to foster discipline with its users.

#### Vision Statement:

Datura: "For students who need to be more disciplined with their studies. Datura is an application that changes your life by encouraging productivity and elevating your motivation to complete your tasks. Unlike Forest, our product is fun and improves user's lives drastically."

#### Version Control:

- GitHub Repository: <https://github.com/jtghchau/Datura>

#### Development Methodology:

- Kanban Board: [Link](#)

#### Communication Plan:

We plan to communicate over discord for messaging along with a 15 minute discord call every week after our meeting with our TA on Fridays at 5:45pm

<https://discord.gg/DwGsa3Q6>

#### Discord Usernames

Celaena - kitsunecelaena

Estella - esterelly

Jeremy - dctr.

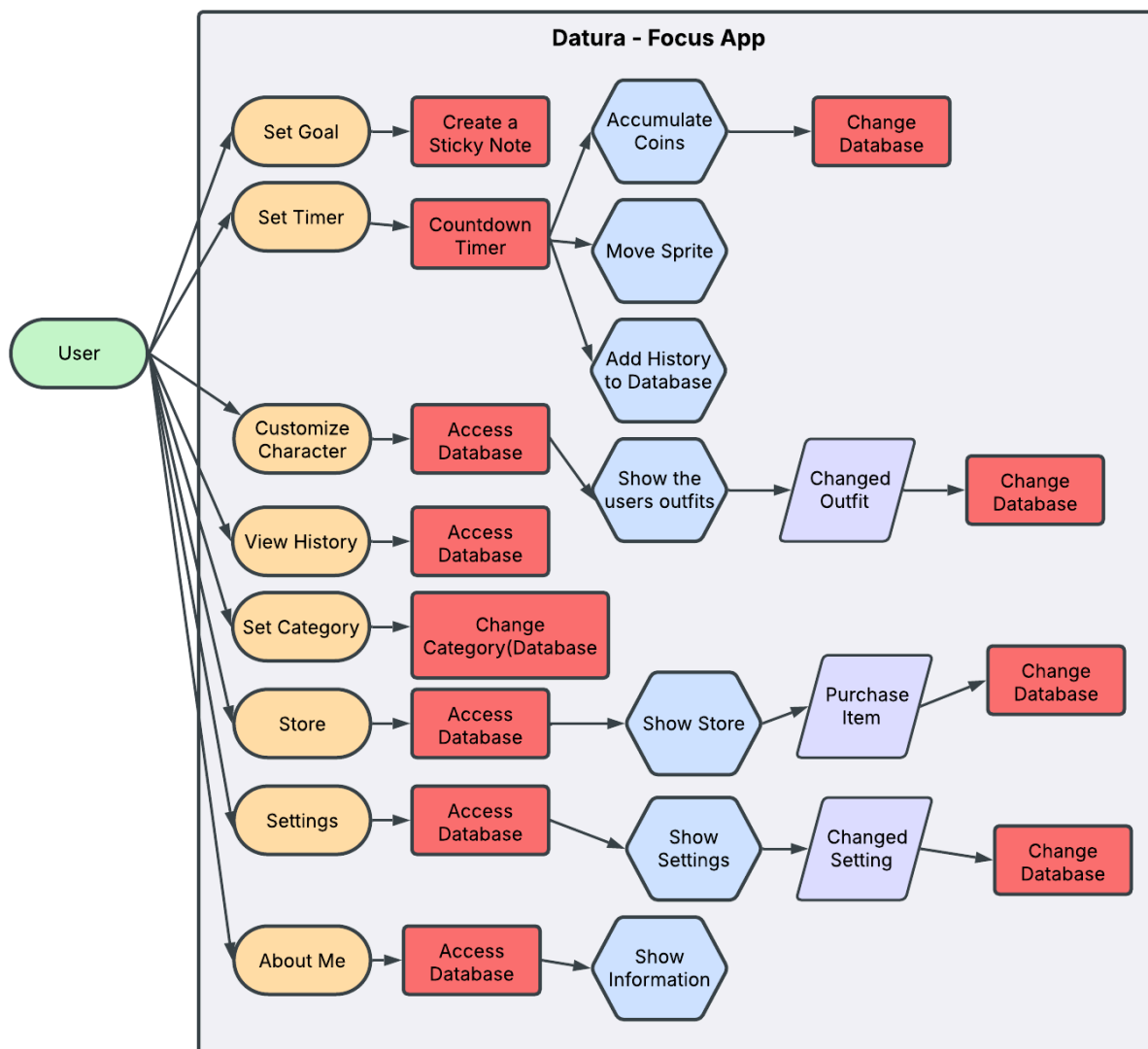
Sofie - sofieravnborg

Carolyn - carrollyn

Meeting Plan:

- TA: Friday 5:30pm via Zoom
- Team: Friday 5:45pm via Zoom

Use Case Diagram:



Wireframes:

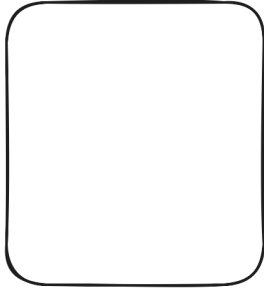
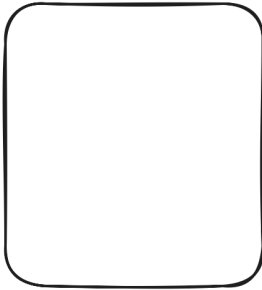
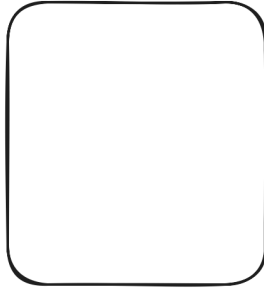
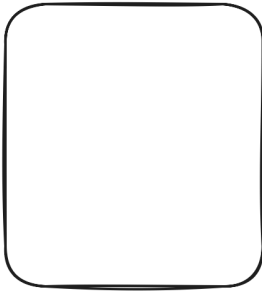
## **WIREFRAMES BELOW**

Notes (for our team):

Heavy UI - must be really good



Category:



back

Jeremy Chau  
Carolyn Dockhorn  
Estella Duong  
Sofie Ravnborg  
Celaena Thomas

Project description  
&  
Vision statement

DATURA

Login

Register

About us

Coins

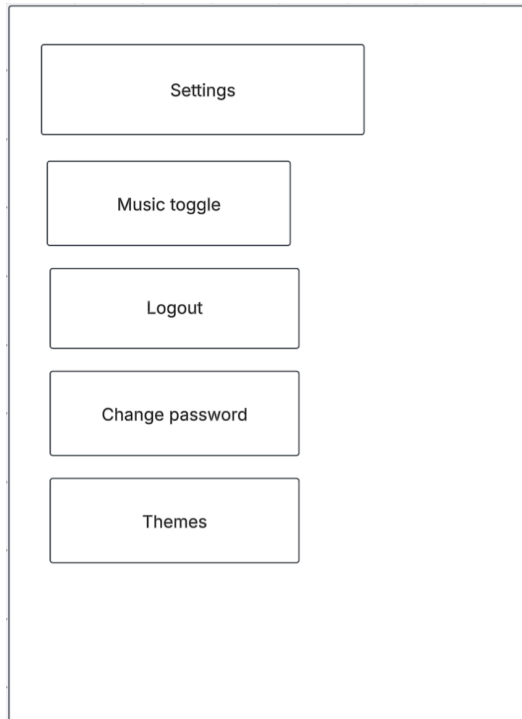
Goals

Clothing

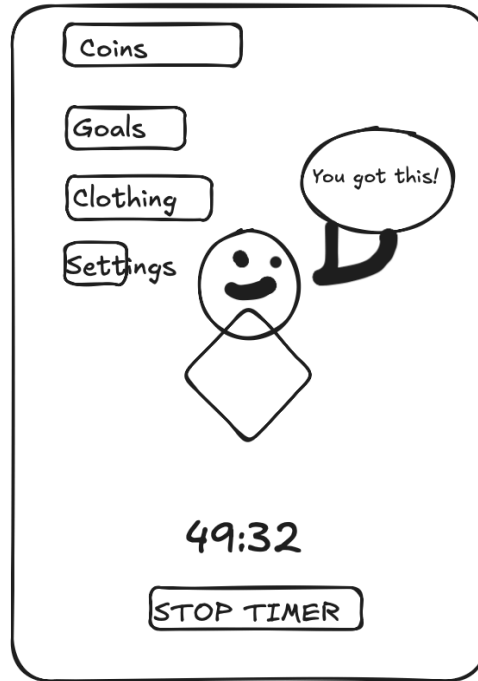
Settings



Timer



Example: User sets timer for 50 minutes and it's running



When user finishes their time they get 1 coin per minute

