**Capstone: Habit tracker**

[**GitHub**](https://git.rockfin.com/dev-build/DB8_Capstone_G4)

[**Trello Board**](https://trello.com/b/QWsWhvfg/habittracker-agile-board)

[WireFrame - Habit Tracker - Home Page](https://docs.google.com/drawings/d/1SQjKJDJiWzuNgM0Vg4gVBnL3BA32Vi9WCVZxE4NFcs8/edit)

[WireFrame - Add Page](https://docs.google.com/drawings/d/1ZCt-s7K202dp3Wt6XYRW9FbzX3Nr4zyeRZ8IIKtYhpo/edit)

WireFrame Goals Page

**Backend: C# API**

Groups must create a backend API that includes:

* At least 4 database tables
  + User:
    - Id (int)
    - Username (string)
    - Password (string)
  + Task
    - Id (int)
    - User\_id (int)
    - Category\_id (int)
    - Title (string)
    - Time (datetime)
    - Start date (datetime)
    - End Date (datetime)
    - Notes (string)
  + Categories:
    - Id (int)
    - Type (String)
      * Self-care
      * Fitness
      * Social
      * Nutrition
  + Actions
    - Type
      * Journaling
      * Bubble Bath
      * Walking
      * Running
      * Yoga
      * Weight Lifting
      * Etc.
  + Goals:
    - Id (int)
    - Title (string)
    - Start date (datetime)
    - End date (date time)
    - Notes (string)
* At least 1 join in a query
* A Data Access Layer injected into the API controllers
* Dapper for Database ORM
* Stored Procedures for some/most of the database work
* At least 3 API endpoints
* A mixture of HTTP methods including at least one example of GET, POST, PUT/PATCH, and DELETE

**Front-End: Angular & CSS**

* At least 6 components
* Angular routing between components
* At least two services

**To Do List:**

Plan your MVP and break down the work into tasks for Week 1

Add tasks to Trello Board and divvy up work

Make sure everyone clones the repo and is able to push and pull

Finish the wireframe

**Stretch goals**

* Search functionality
* Task Frequency
* Bootstrap Annimations
* Statistics/progress bar