

Setting goals made fun!

TASKIO

By

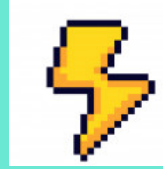
Shelby El-rassi

&

Alexander Qiang



Purpose



- The app is made to simplify our daily tasks schedule and build good habits.
- A gamified version just adds a modern-day fun spin on a standard task tracker.
- We at Taskio believe in the power of setting good goals and pushing ourselves forward.

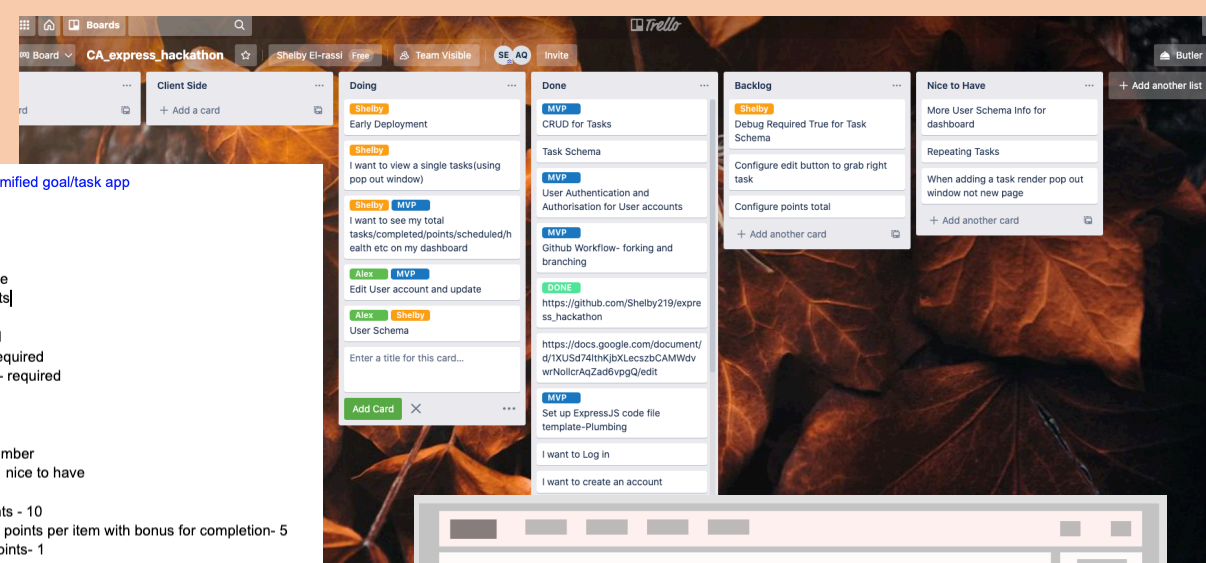
Workflow



- Trello for planning
- Google notes with initial ideas.
- Basic Wireframe
- Git Workflow
 - Main Repository, created on Shelby's Github.
 - Alex forked from the created repo.
 - We both used branches for current features/work we were working on.
 - Then once happy with the branch, we pulled latest from main.
 - Then made a pull request to merge with main.
 - Workflow was smooth and merge conflicts were resolved with ease.

Goal/Habit setting app- more of a gamified goal/task app
NAME: ? TaskA

- Gamify it?
 - **Points per item**
 - Level Up
 - Loose points when incomplete
 - Bench mark rewards for points
- Task schema
 - Name-string- required
 - Description- string - required
 - Created Date- Date - required
 - Modified Date?
 - Category- Array?
 - Completed - Boolean
 - Points-worth- fixed number
 - Repeating- Boolean- nice to have
- Categories
 - Mega Tasks - big points - 10
 - Medium Tasks - small points per item with bonus for completion- 5
 - Small Tasks - small points- 1
- User schema
 - Username-string
 - Password- string
 - Points- number
 - Total tasks?-number
 - Tasks completed- number
 - Tasks Scheduled? Future date- Number
- ChartJS
 - Habits, Todos and tasks total amount vs completed
 - Bar Graph Horizontal for points till next level
 - Points gotten / max points can get
- Seed dummy data



Technology



- JavaScript
- MongoDB
- Express JS
- Node JS
- Mongoose
- Pug JS
- Chart JS
- HTML
- CSS
- Postman
- Trello
- Google Docs
- Figma

- Heroku
- Font Awesome
- Node Packages
 - Express
 - Cors
 - Mongoose
 - Passport
 - Passport-remember-me
 - Express-session
 - Connect-Mongo
 - Method-override
 - Node-fetch
 - Path

Features



• CURRENT

- User can Register and Login (and remember user)
- User can add their name and avatar through edit user
- View User Dashboard (authenticated)
- Add new tasks, edit and delete
- Mark Tasks as Completed which accumulates points.
- View Total Points on Dashboard.
- View total and completed task tally on nav bar.

• FUTURE

- Health and Ability Earnings via the ChartJS.
- Implement Reward Shopping (the pixel art)
- Advance Task functions, future dating, repeating, category sorting.
- Advanced User account details.
- Profile image upload file. (not string URL).
- Oauth with account access.
- Show total tasks that are getting close to due date(the timer in the nav bar).
- Search task function.

Specific Challenges



- Setting up a remember me with passport-remember-me.
- Processing a delete route, via an event listener on button then fetch call.
- PUT route for updating task. Utilized NPM method override via pug form. Can override a POST method to become PUT.
- Handlebars **EW**, so pug JS was used for rendering. Integrating client side with PUG rendering.
- Updating task and user was wiping data all the data.
- Not going overboard with too many features we wanted in the short time.

THANK YOU

