



What is MastrMind?

MastrMind is a full-stack web application that is centered around taking productivity to the maximum by having the most important aspects of productivity and putting them all into one place.

Technologies

MastrMind makes use of multiple frameworks and technologies in development. It makes use of the MERN stack development paradigm which involves MongoDB, Express JS, React JS and Node JS. MastrMind is deployed on AWS and makes use of EC2 and S3.



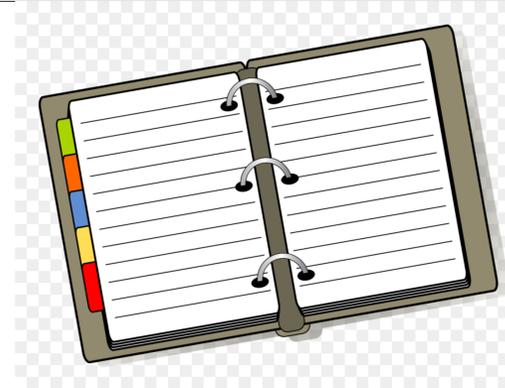
Software Development and Timeline

For this project, we used a type of agile software development framework known as Extreme Programming (XP). Created by Kent Beck during his employment as Chrysler, this software engineering paradigm is known for being flexible to accommodate a customer's ever-changing requirements.

Our timeline was split into five strides with different milestones along the way. Our time was heavily spent researching ideas for the best functionality, design, and implementations for our customers.

How do you stay organized?

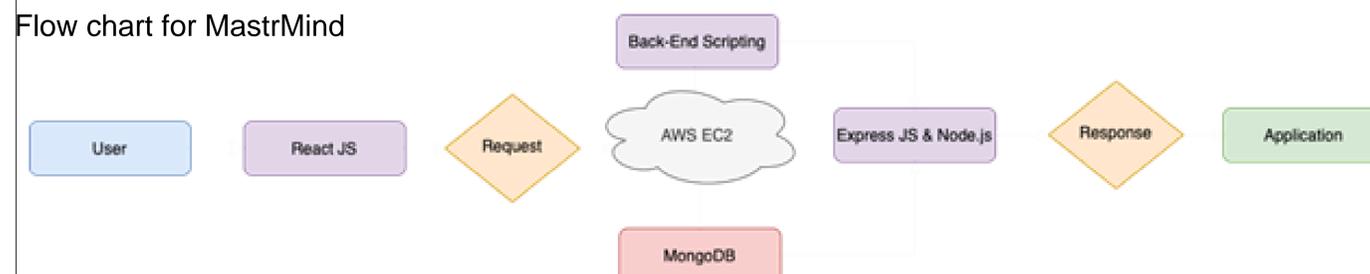
With MastrMind, a person's organization needs are all in one place. Built with a clean interface and customizable features, MastrMind offers users a linked calendar, task list, journal, and points system that can be tailored to their individual preferences!



Project Features

- Calendar
→ MastrMind will display all your customized tasks that need to be done on for the user.
- Tasks
→ MastrMind allows the user to create customized tasks with priority levels and keep track of them in the calendar.
- Gamification
→ Upon the completion of tasks, MastrMind will give points to the user based on the priority level of the tasks given and the timeliness of the task done.
- Journal
→ A simple yet powerful color-customizable journal that lets users write, create lists, add images, and use emojis to express themselves.

Flow chart for MastrMind



Challenges

We had lots of fun ideas that we ultimately cut out to simplify the user experience and consolidate our functionalities.



Inspirations

Our inspiration for making MastrMind came from a group consensus that we wanted a better way of keeping ourselves productive.

We found that each of us had to use multiple different applications to get the best result. Having to switch between multiple apps is a hassle so the idea of creating an all-encompassing productivity application was brought into fruition through MastrMind.

Future Plans and Development

- Create a leaderboard system to not only show the users' advancements but to also challenge them against other users.
- Add a blogging feature that would connect to various social media channels
- Build an in-app photo album
- Implement AI features
- Design more customizable features

