To-Do Application

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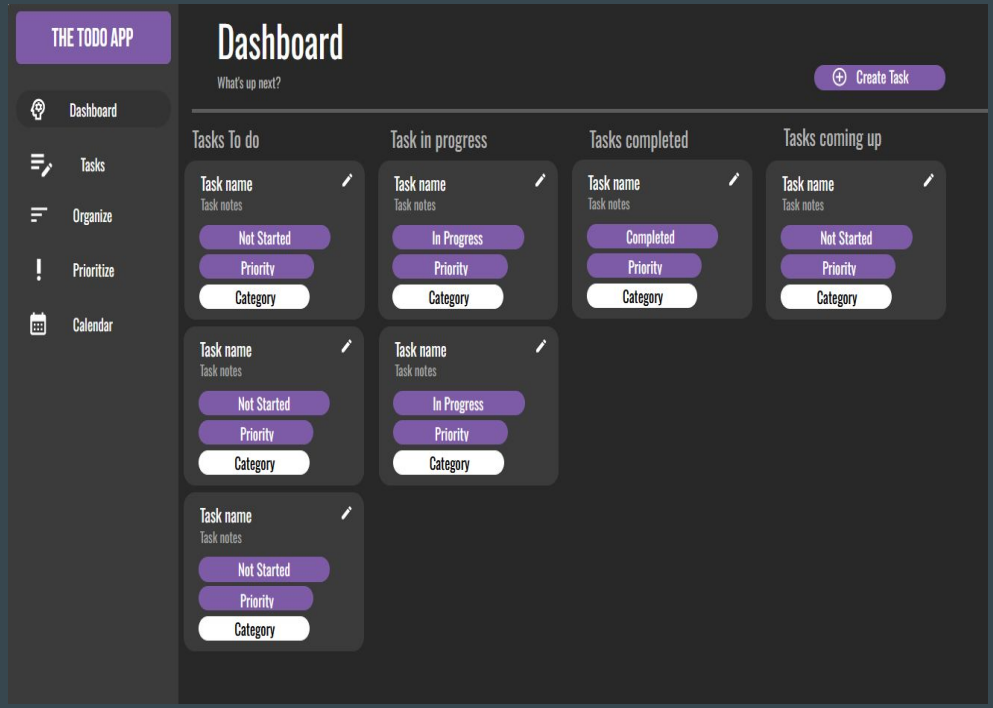
Problem

- Students are becoming more and more overwhelmed with the amount of schoolwork given to them
- Struggling to maintain a clear and concise way to organize their work
- Students become stressed and need for organization tools to accommodate their busy schedules
- Keeps all work in one place

How the Solution Addresses the Problem

- To-Do app allows students to easily organize their work
- Students add tasks and check them off as they are completed
- Students can set the priority and status of specific tasks
- Calendar allows students to organize time



Related Work(similar tools, papers, articles, etc.)

Related article:

- NPR broadcast conducted by Chris Benderev interviewing Dr. Jarrod Lewis-Peacock from UT Austin

Related Tools:

- Apple Remind
- Google Calendar

3 concepts discussed in class used in the project and how they were useful/unuseful

- Prototyping helped to consider multiple iterations of the design until final UI
  - Consistent reinventing of UI design and considering feedback showed consistent improvement
- Optimize the usability of the UI by implementing a User-Centered Design
  - Consider adaptability of user, streamline actions, reduce human error, enforce satisfying aesthetics
- Architecture design useful for deconstructing design into functional components
  - The subsystems and classes are mapped for a more efficient design

Additional Feature: Sharing

Enable users to connect and collaborate on tasks

- **Search** for other users on the Platform
- **Directly Share** tasks with others users
- **Share** tasks with QR codes

Additional Feature: Security

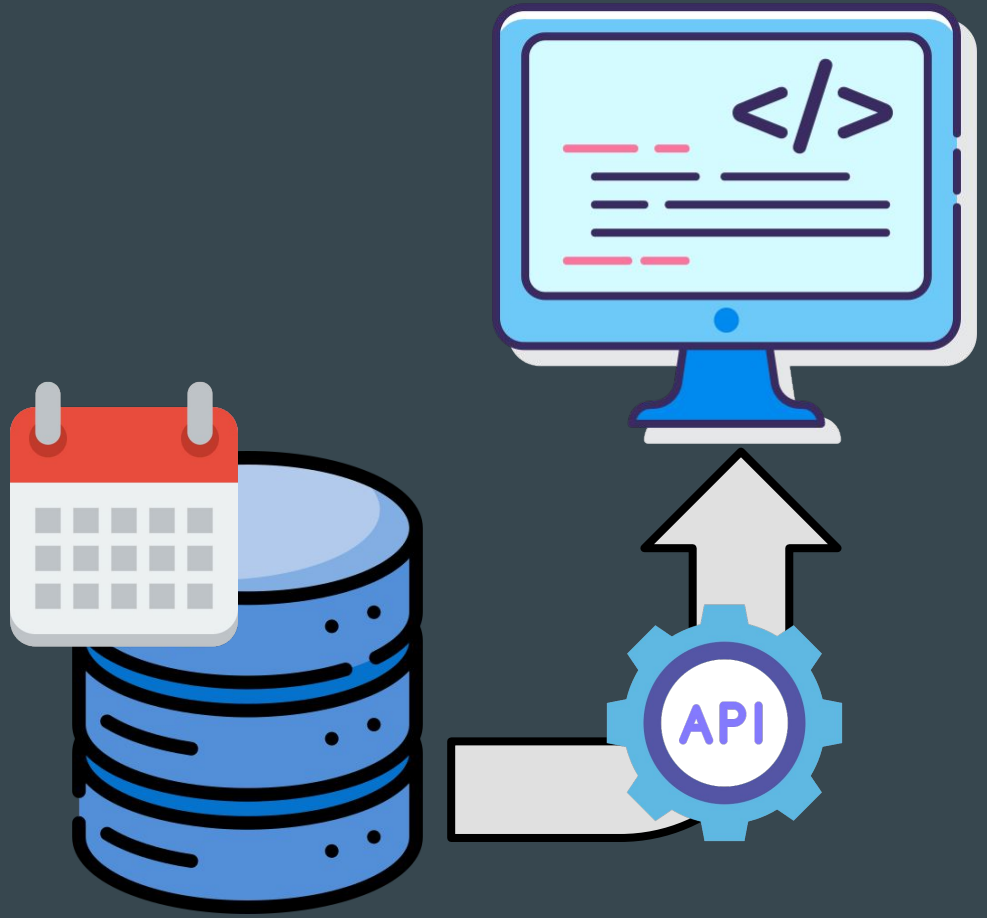
Create a **safe** environment for users to log tasks

- Password **encrypted** files
- Login with **Multifactor Authentication**
- **Encrypt** any cloud based **connections**

Additional Feature: API

API Endpoint for software developers

- **GET** finished tasks
- **GET** uncompleted tasks
- **POST** new tasks
- **RUN** script on task completion



Questions?