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# Work in Progress

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# Description of Project

Work in Progress is a go-to platform for managing to-dos and notes.  
Here's what you can expect:

- Organize Your Life: Easily create, update, and track your to-dos and notes.
  - Collaborate with Others: Share and receive notes with fellow users.
  - Customize Your Tasks: Tailor your space to suit your preferences of what is important.
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# Tools Our Group Utilized



Tool: GitHub

Purpose: Project  
Management

- GitHub's project boards for task tracking and project management, for easy organization and visualization of tasks.

Group Rating: 5 stars



Tool: Visual Studio Code

Purpose: Coding  
Environment

- Primary coding environment with seamless integration between VS Code and Github.

Group Rating: 5 stars



Tool: Figma

Purpose: Planning/Design  
Environment

- A collaborative browser-based interface design tool used to create visual elements.

Group Rating: 5 stars

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# Expected Tools

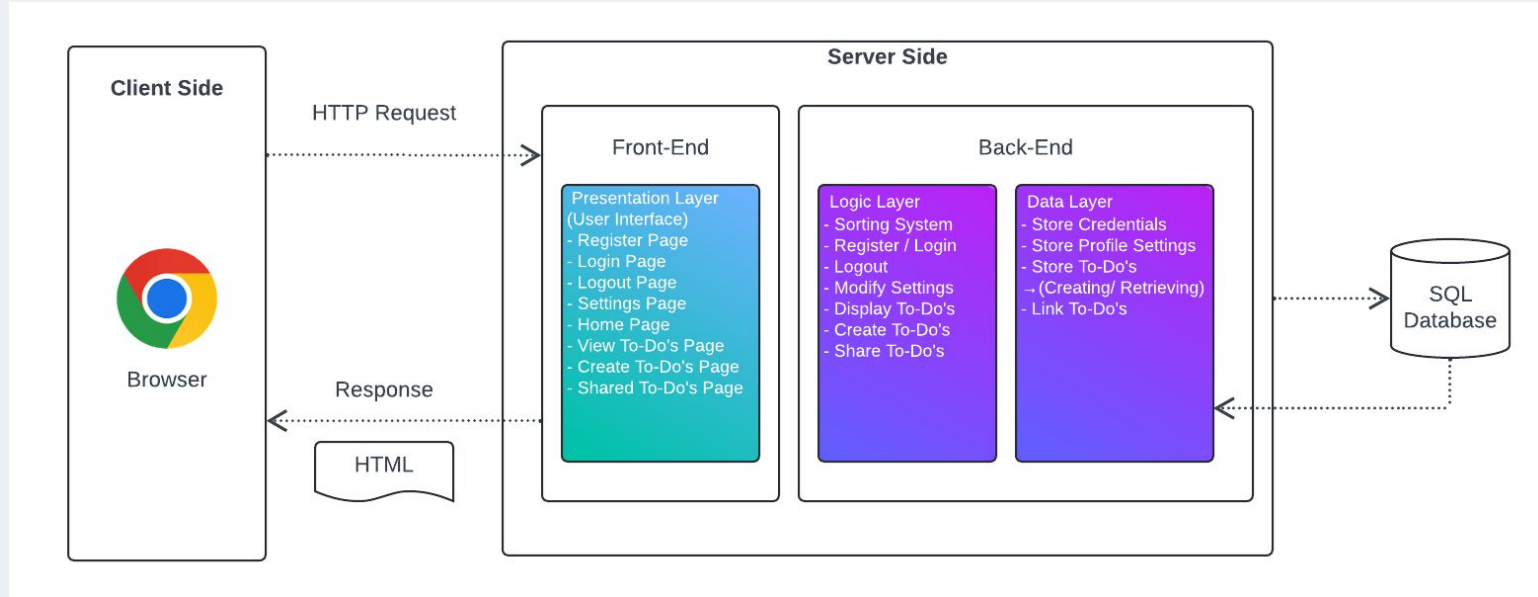
## UI Tools:

- HTML
  - Used to create the structure and layout
  - Foundation for organization
- CSS
  - Style and design the appearance
  - Colors, fonts, spacing, and layout
- Handlebars
  - Manage presentation layer of website
  - Enhances interactivity and flexibility
- Node.js
  - Ss
- Database
  - PostgreSQL

## Other Tools:

- GitHub
    - Remote code repository
    - Used GitHub project board for tracking
  - Discord
    - Communication
    - Weekly meetings
  - Application Server
    - NodeJS
  - bcrypt
    - Password encryption
  - Mocha and Chai
    - Used for testing application
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# Architecture Diagram



We successfully linked the front-end, back-end, and sql database so that To-Do's could be viewed, created, and shared between users, allowing for a seamless user experience.

# Demo



localhost:3000/todos?message=message%20sent!

Home ToDo Shared Log out

localhost:3000 says  
message sent!

OK

ToDoS

Event Name	Event Date	Event Time	Event Description	Event Location	Action
					Mark as Completed

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# Challenges

The challenges we encountered and overcame are...

- Email system
  - To-do sorting system
  - Github merge conflicts
  - Bcrypt Issue
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# Future Scope/ Enhancements

Some key features we would consider integrating to increase our website's value and applicability is...

1. Mobile Compatibility: a mobile-friendly version of our website/ mobile app
  2. Team Collaboration Tools: chat and project boards for people in a team
  3. Integration with Calendar Apps: integration with popular calendar apps to sync their to-do-lists
  4. More customization for the user
  5. Creating a Google Chrome extension for easier task management and access.
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