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## Team Milestone 2

**Describe the Project Management software product will you use to plan and track the progress of your project.**

We will be using Trello to document and track the progress of our project.

### **Project's requirements:**

1. Overview: An app that tracks your to do list, goals, events, chores, or anything the user inputs. There will be a ranking system to rank the different things you need to do which adds priority to them
2. Front End: CSS, HTML, Javascript, React
3. Integration: Apollo/GraphQL
4. Back End: Node.js scripts and Heroku Postgres database
5. Text Editor: Sublime, Atom, VSCode
6. Version Control: Github (Meeting Notes, Milestones, Project Code)
7. Depending on the priority of the needed task, it will decide if it shows up at the top of the list or the bottom
8. We can have different columns for different types of things to do for organization. For the front end we will have an organized user interface
9. Login page so a user can track their data and to do list on a cloud.
10. To do list page that displays pending tasks to complete
11. Settings/ Account page to enable/disable some stuff and customization features.
12. Hosting website on server

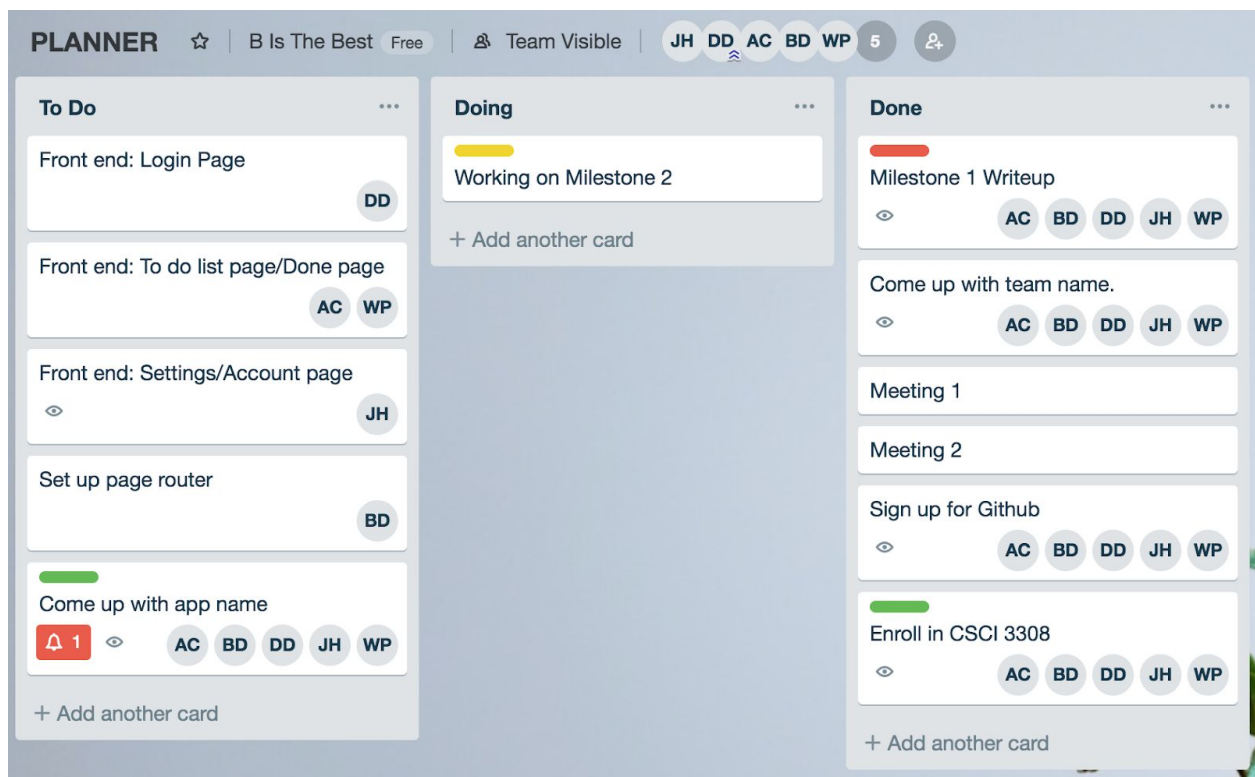
### **Functional Requirements:**

1. Make to do list
2. Create a to do item
3. Set its to do date
4. Retrieve all to do list items when logged in
5. Delete items
6. Login to site
7. Add items
8. Change settings
9. Change user data (name, email)

### **Nonfunctional Requirements:**

1. Retrieve user-specific to do list items and settings
2. Retrieve items from to do list quickly within a timely manner (<1second)
3. Have a working database connected
4. Database will save to do list items and settings
5. Coloring of tasks
6. Edit data in database
7. Reflect changes on website settings in database
8. Check password submitted by user

**A screenshot of your project management tool displaying your project dashboard (sprint tasks and owners, todo, in progress and done lists) (trello)**



**A graphic (timeline) of your project plan showing the order of tasks and who is working on them applied to a calendar:**

#### B IS THE BEST - PROJECT TIMELINE

	Date	Task
<input checked="" type="checkbox"/>	Wednesday, September 26th	First Meeting + Notes
<input checked="" type="checkbox"/>	Wednesday, October 3rd	Second Meeting + Notes
<input checked="" type="checkbox"/>	Wednesday, October 10th	Third Meeting and Second Milestone. Begin <b>Sprint 1</b> : Complete frontend setup using CSS and HTML.
<input type="checkbox"/>	Wednesday, October 17th	Discuss Progress. Buttons and features should exist but are not functional yet. Page router build in progress.
<input type="checkbox"/>	Wednesday, October 24th	Discuss Progress. Begin homogenizing styling and combine pages from each member into one site.
<input type="checkbox"/>	Wednesday, October 31st	Begin <b>Sprint 2</b> : Basic, fully functional to do list app.
<input type="checkbox"/>	Wednesday, November 14th	Discuss progress on app build, functionality, strategy, and user interface.
<input type="checkbox"/>	Wednesday, November 21st	Continue discussion on app build, implementation.
<input type="checkbox"/>	Wednesday, November 28th	Begin <b>Sprint 3</b> : Integrate Backend database, settings page, hosting online, and domain name. Finalize bugs.
<input type="checkbox"/>	Wednesday, December 5th	Discuss progress of Heroku database, node scripts, and web hosting
<input type="checkbox"/>	Wednesday, December 12th	Discuss progress on style, database integration to web app, and app developments
<input type="checkbox"/>	Wednesday, December 19th	Submit final project files.

Group Roles:

**Bryce:** Page Router, React frontend

**David:** Login Page, Heroku database backend

**Julius:** Settings/Account Page, node scripts

**Arvind:** To Do list page/Done page, database integration, node scripts

**Warren:** To Do list page/Done Page, Web hosting, React frontend

**All:** Style, fixing bugs

#### Sprint 1 Detailed Tasks:

1. HTML Page with toolbar, banner, and several different pages.
2. HTML/CSS for Landing page.
3. HTML/CSS for Login page.
4. HTML/CSS for Register page.
5. Add text entry boxes for register page
6. HTML/CSS for Settings page
7. Add buttons for Settings Page

#### Sprint 2 Detailed Tasks:

1. Create tasks in a layout
2. Add due date box in layout
3. Add sort by chronology function
4. Add ability to delete items
5. Create a way to color different tasks
6. Add ability to edit tasks

### **Sprint 3 Detailed Tasks:**

1. Use Heroku postgres for the database tables
2. Use Passport to create an authentication system for the user password.
3. Connect the database to the app using node.js
4. Write tables to store user settings
5. Write tables to store user data
6. Set up website domain hosting

### **A written descriptive summary of your team's agile standup and retrospective meetings.**

**Interviewer:** What have you completed since the last meeting?

**David Dryja:** Got GIT set up and viewed some REACT tutorials

**Warren Payne:** Have started working on CSS/html and am viewing tutorials on React

**Bryce DesBrisay:** Set up base of react frontend project and started researching node.js and heroku backend

**Arvind Chandramouli:** Got more acquainted with react.js syntax and studied some node.js tutorials.

**Julius Henkin:** Downloaded and installed Node.js and NPM, watched React videos, studied React

**Interviewer:** What will you complete before the next meeting?

**David Dryja:** Sign in page

**Warren Payne:** work on todo page

**Bryce DesBrisay:** Setup page router

**Arvind Chandramouli:** Work on todo page

**Julius Henkin:** Work on settings/account page

**Interviewer:** Describe any obstacles or roadblocks you face

**David Dryja:** Need to learn more on how to use REACT. I plan to get help from tutorials and the internet to help me through these roadblocks.

**Warren Payne:** My biggest challenge is to get familiar with react.js and to improve my abilities in CSS. The best way to get past this is to just practice with them.

**Bryce DesBrisay:** Get familiar with react router

**Arvind Chandramouli:** Time management

**Julius Henkin:** Mental energy required to read and process information required stamina and tenacity