

Project Master

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Meet Samantha



Position

Student Project Manager of
Mechanical Accessibility
Solutions



Skills

3D CAD Modeling,
structure analysis,
working with dynamic systems



Confusions

Creating the project timeline and
scope,
Tracking the project budget,
Writing client requirements

Project Pitch

Accessible



Web-based

Using a web-based platform allows for easy access from any device and location

Easy to Learn



Low Barrier to Entry

Must be quick to learn and approachable to incentivize students to join

Organized



Templates

Help project managers store all important project documents, budgets and figures

Educational



Guides

Help students learn about the project management processes in easy to learn increments

Problem, Audience, Research Question

Our Solution

Insert *Project Master*

Research Question

How can we teach and aide the process of managing large scale engineering projects to college students?



Problem

Figuring/managing an engineering project as an engineering student.

Audience

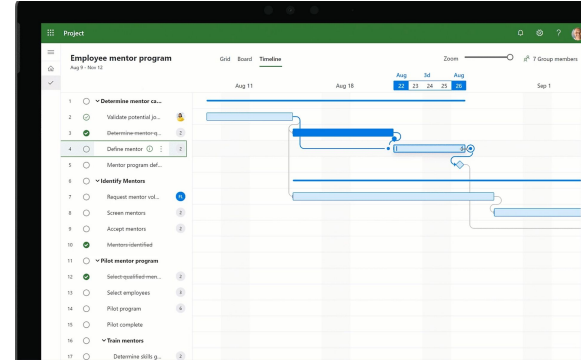
Engineering College Students

Precedent Examples

1

Microsoft Project

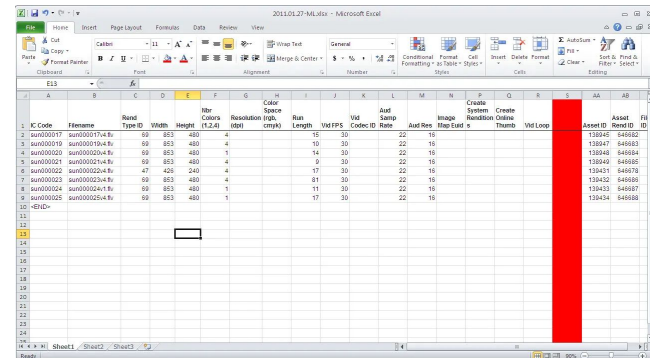
Software that's used to create schedules, project plans, manage resources and keep track of time



2

Microsoft Excel

Spreadsheet software program, data visualization and analysis tool

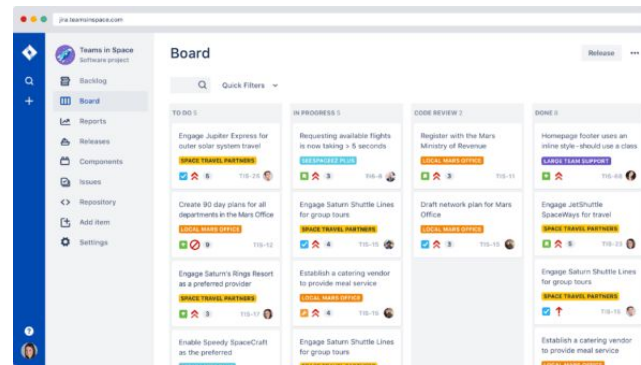


Precedent Examples

3

Jira & Confluence

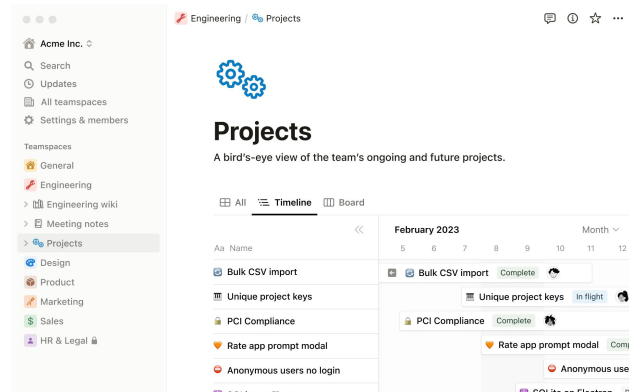
Often used together: Jira is a project and issue tracking tool, while Confluence is a collaboration and documentation tool.



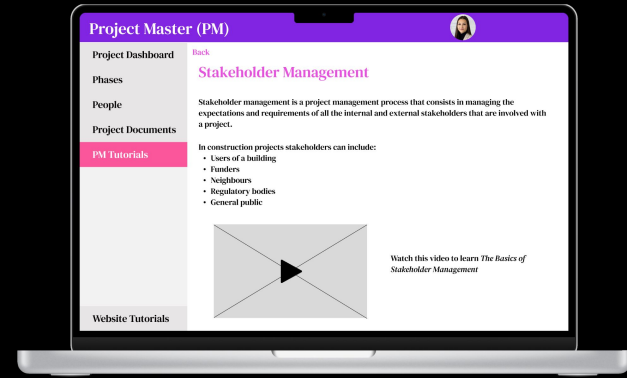
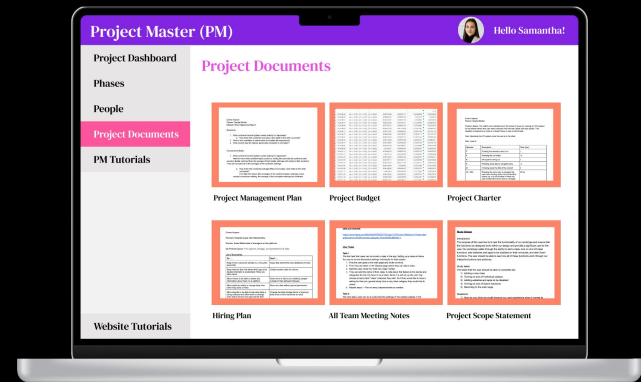
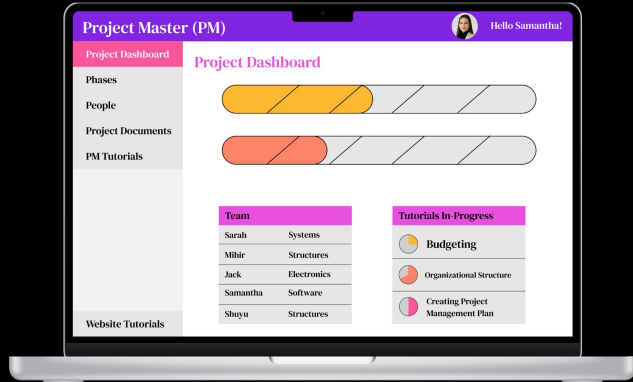
4

Notion

Workspace and note-taking app for organizing information and tasks.



Wireframes



We were able to make our educational content more readable after several rounds of user testing and make it more suitable for students.

Colors are vibrant and uplifting, but are professional for the workplace.

Sidebar is very convenient and easy to navigate. After several rounds, we found that having the navigation bar at the top rather than the side is more intuitive & user friendly.

Added more visuals to make our site seem less daunting and more inviting; this also makes the platform easy to understand for first-time users.

User Testing

Conducted usability interviews with various people - including people who are experts in the field and people who are new to the concept.

- Barbra Sobhani (PM Mentor)
- Peter Rosenthal (React Mentor)
- Whit Whittall, Natasha Buraszkeski, Kieryn Boyles who are all in various positions on engineering student projects
- Roommates, friends, people in this class, etc.

Branding



- Distinct color palette: helps categorize different aspects of projects and makes it easier for users to navigate and prioritize their work efficiently.
- Colors evoke a sense of enthusiasm and positivity; motivates users to be productive
- Logo helps us establish a strong brand identity making it easily recognizable amongst other platforms

RM
Project
Master

Future of Project Master

01

Patent Content



All educational content tutorials as well as templates

02

Partnership



Work with a trusted web development company to integrate the front end into the backend

03

Market



Once fully integrated and operational it can go live on the market.

04

Updates



To keep the product up to date continuous reviews and new updates will be available for users

Next Update

Project Selection

On the dashboard it will feature a menu to choose which project to display so students can have more than one

Added Tutorials

No more placeholders! Content would be fully developed

Added Templates

All templates would be created

Filtering

Added filtering feature to documents and tutorials page

THANK YOU!