

Project Planning

The steps to planning your project successfully.

Define ...your Audience

Who is the target audience for the capstone project?

- It's not you!
- Mentors & Peers
- Recruiters & Career Coaches
- Hiring Managers
- Ultimately the consumer of your product

Define ...your Project

What is an appropriate capstone project?

- Your project MUST include JavaScript

Why manufacture a car with an expensive paint job without an engine? Consider your audience, do they want you to build static web pages or an application that solves a problem or accomplishes a task?

- Should display your development skills and creativity in a professional manner.
- Can be completed in the allotted time frame you have to commit.

Determine ... what YOUR project will be.

Create a high-level story you want tell with your project.

- This will be your elevator pitch for your capstone project and used during demo day.
- Allows users to ask questions via chat during a talk and add resources to videos. "
- "I want to create a web APPLICATION that...

Define ...your Content

Determine what pages you need and the content of each page.

Don't worry about look and feel or style of the content, that comes later.

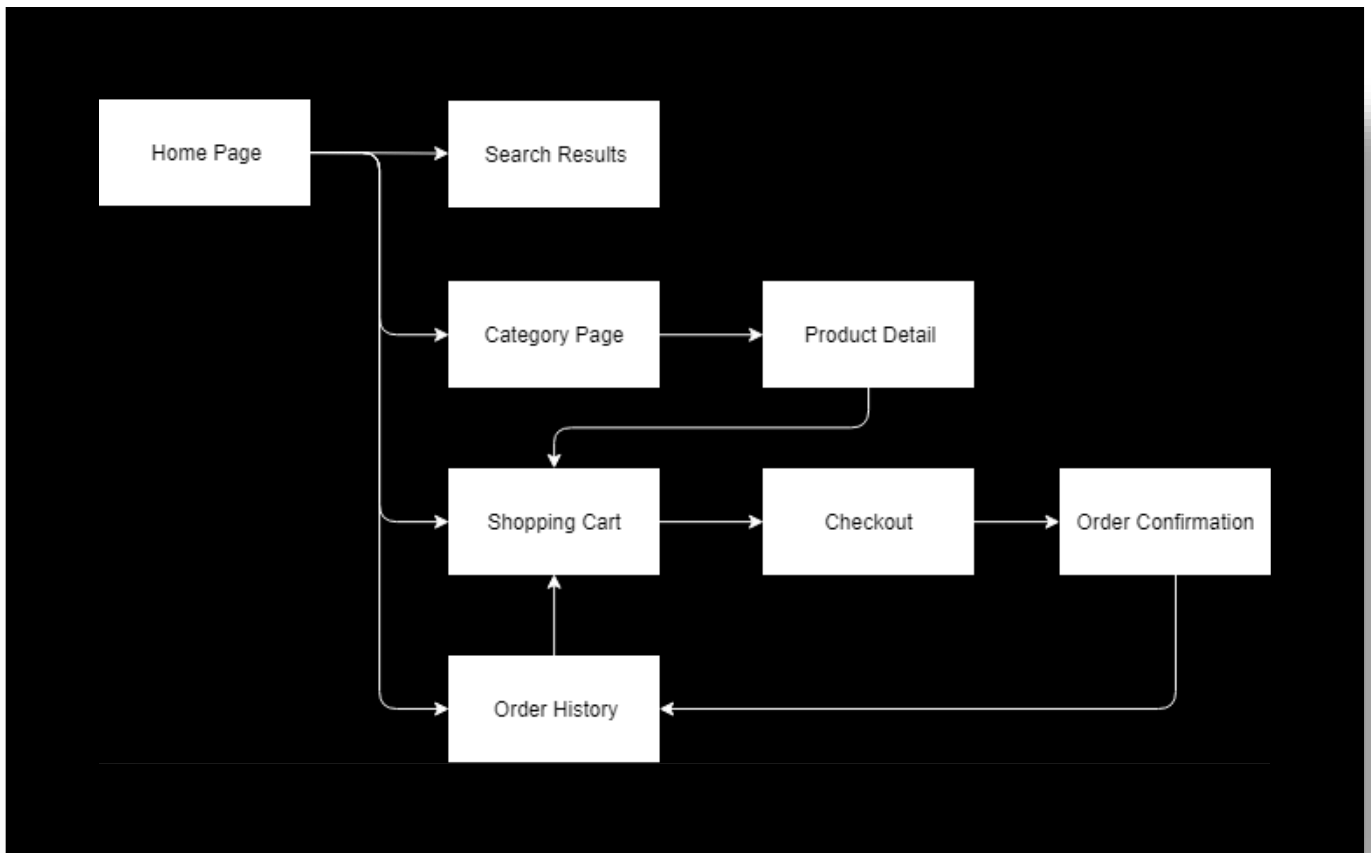
1. Make a list of pages
2. Write a brief description of the content for each page

3. Navigation
4. Main content
5. Footer

Define ...your User Flow

What interactions will the user be required to do to use your web application. Example: E-commerce Application

- Focus on page flow not content of pages
- Make sure you analyze all user flows, creating multiple flow charts if necessary.

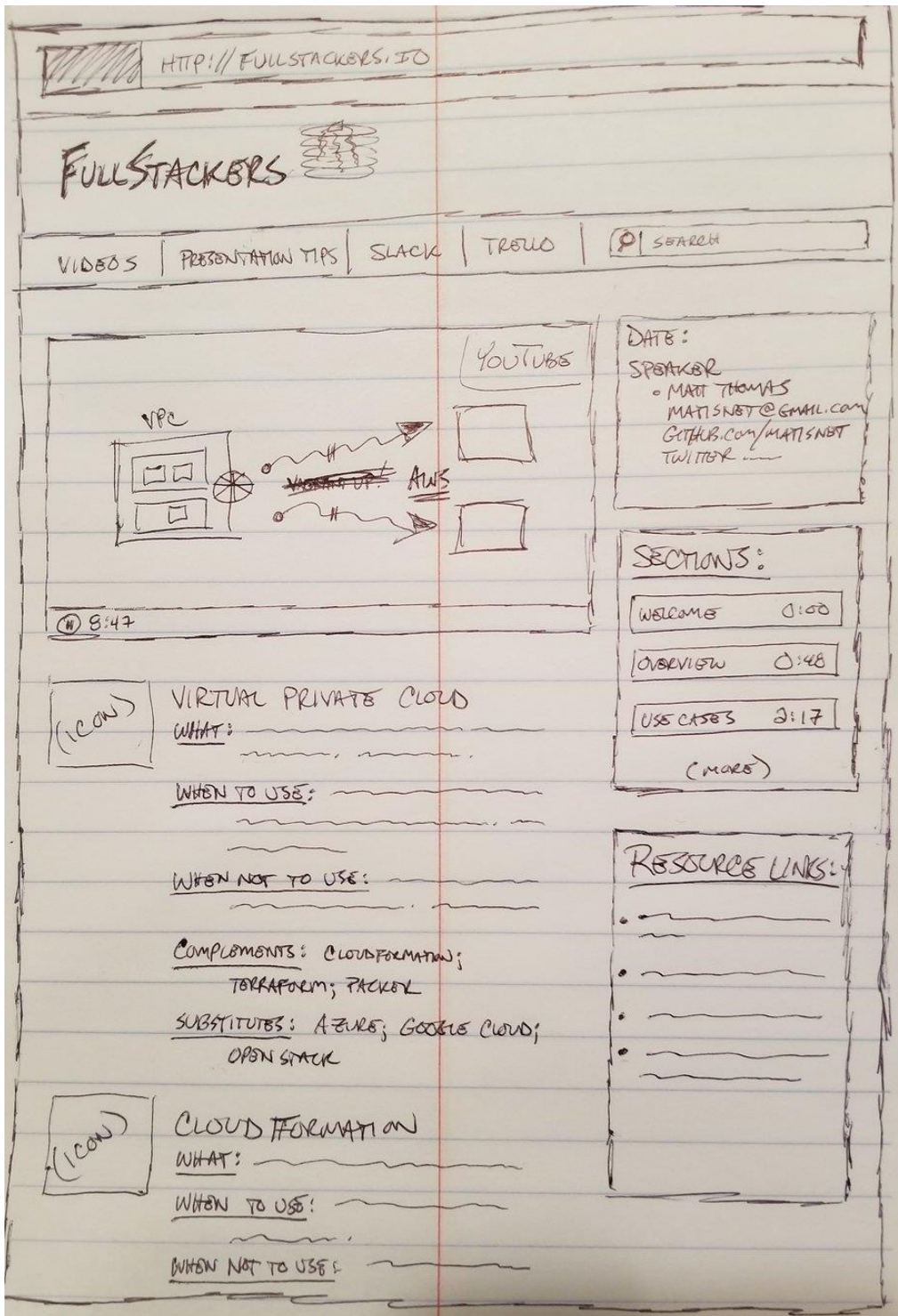


Create ...Wireframes

Start with pencil and paper or whiteboard, then if necessary, create a digital version

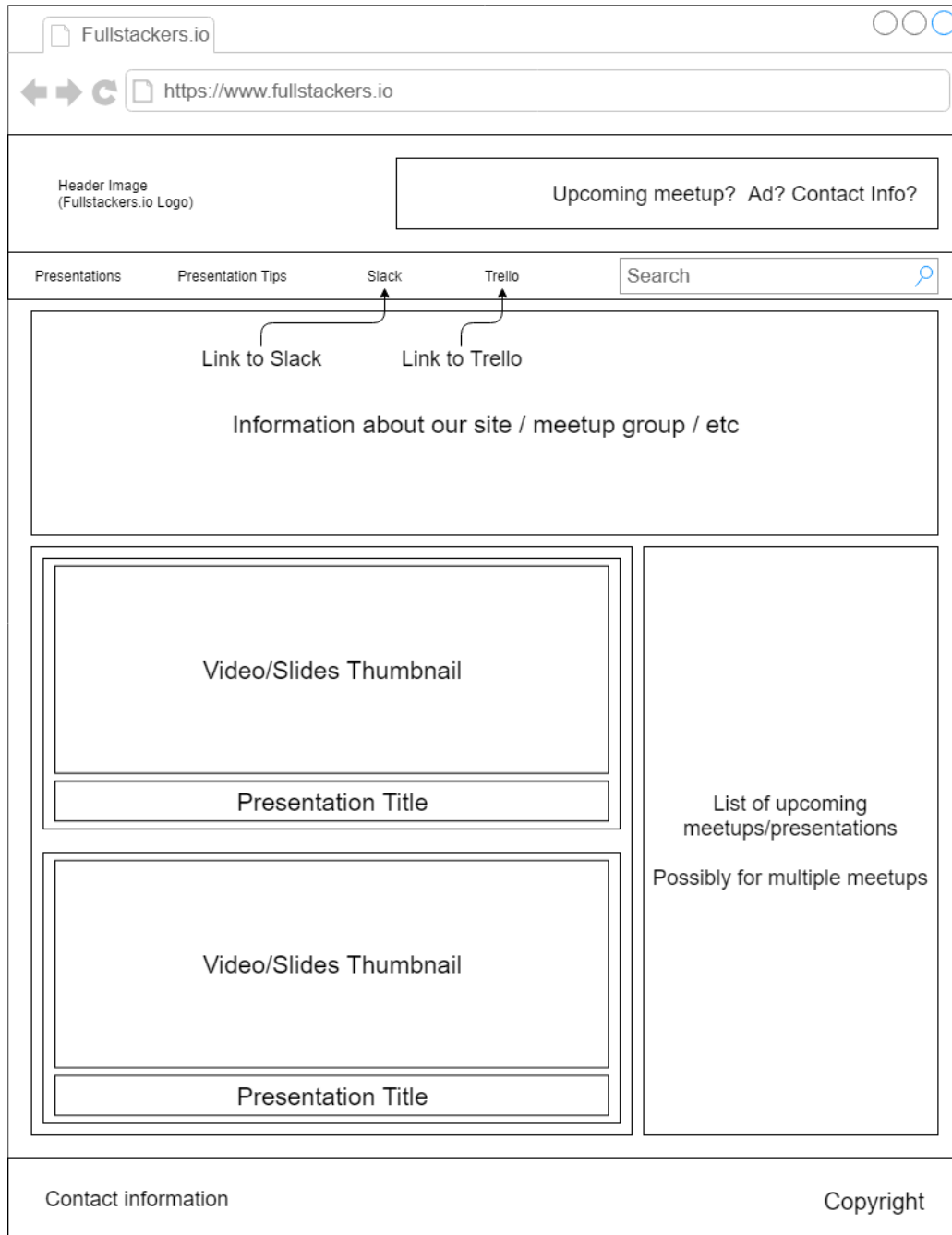
Analog Tools:

- Pencil & Paper
- Whiteboard & Dry Erase Markers



Digital Tools:

- Draw.io (<https://www.draw.io/>) <- Recommend
- Adobe XD (<https://www.adobe.com/products/xd.html>)
- Inkscape (<https://inkscape.org/>)
- Adobe Illustrator (<https://www.adobe.com/products/illustrator.html>)
- Mockflow (<https://mockflow.com/>)
- JustInMind (<https://www.justinmind.com>)



Create ... (Homework) Documentation

1. Create your capstone repo (in a new folder) and add a docs folder.
2. Create a docs folder, add documentation in the form of markdown, images or PDFs.
3. Update your README.md file to link to your new project documentation.
4. Your documentation should include...
 - Definition of your audience (We already did this, correct?)
 - Definition statement (I want to create a web application that...) for your project
 - High level story (elevator pitch)
 - Outline of the content
 - User Flow
 - Wireframes (1 wireframe per page minimum, hand-drawn is ok!)

The documentation will be included in your portfolio, so make it look nice.

Due next week, submit link to your repo in the Slack channel to be reviewed.

What's Next!

- Design your Website
 - Focusing on UX and UI design
- Define a Timeline
- Create your Kanban board using Trello
 - Stories writing
 - Tasking out stories
- Test, Test and Testing