

DEMO DAY OUTLINE

The following are some guidelines for Demo Day Presentations to be used while presenting your project. Go through this outline, add in detail and prepare slides or a presentation, using all of the information below.

Reminder of Course Objectives:

- Gain confidence with shell commands and git.
- Understand general concepts associated with the client-server and request-response cycle.
- Generate documents using Markdown.
- Apply semantic HTML and modern CSS to build responsive web layouts.
- Use JS to add interactivity to web pages.
- Use JS to manage data.
- Apply a model-view-updater architecture to create a modern, state-driven single-page application written in vanilla ES2015+ JavaScript.
- Use JS to build a CRUD server utilizing Node.js and Express.
- Manage long-term data storage via CRUD server and PostgreSQL database.
- Pass both Master Class Level and advanced Certified AGILE Professional courses and receive both certificates.

Requirements for Capstone Projects:

Students must complete and effectively present a capstone project. Said project will meet the following general requirements:

- Display an effective approach to the project-planning process. This includes wireframing, UX/UI design, Trello boards, etc.
- Display an understanding of semantic HTML and modern CSS approaches.
- Render as a Single Page Application using a 'state' object and a 'render' function to display 'views.'
- Log a sensical, well-organized 'commit' history.
- Use an external API to send/receive data and update Single Page Application views accordingly.
- Incorporate a back end – Node.JS / Express.JS/ MongoDB
- Deploy the frontend SPA to Netlify, backend API to Heroku, and database to MongoDB Atlas.
- Satisfactory completion of all assigned HW and in-class 'practice project' repo.

Some points to cover during demonstrations: -

- Name / About me, my project, what it does and why I chose this as my project
 - Target Audience / End User
 - Business challenge / Solution
 - Functionality of website
- Project Management

- Trello
- Agile
- UI/UX - Mockups
- How I built the site / tools / technology
- GitHub / walk through code

Questions to answer in closing your presentation: -

- What obstacles I have faced
- What I have done to overcome those obstacle
- Things I would have done differently
- Mistakes I have made and what I have learned from them
- Future enhancements / Ideas for continuing on with my project

In even of a live demo:

If we do a live demo, you can bring monitors to display your project, toggle between your code / Trello boards etc. Please also bring extension cords / power strips we have some but not enough for everyone.

In event of a live demo feel free to bring props to help with your presentation. You can also bring additional props to display on /around your table that support the theme of your project. (Poster Board to outline talking points / UI/UX wireframes and mockups, Trello, your journey to get where you are today).