

CS Capstone Design

Technical Demo Grading Sheet (100 pts)

TEAM: MealsMyWay

Overview: The main purpose of the “Technical Demos” is to very clearly communicate the extent to which the team has identified key challenges in the project, and has proven solutions to those challenges. Grading is based on how complete/accurate the list of challenges is, and how convincingly and completely the given demos cover the given challenges.

This template is fleshed out by the team, approved by CS mentor, and brought to demo as a grading sheet.

Risky technical challenges

Based on our requirements acquisition work and current understanding of the problem and envisioned solution, the following are the key technical challenges that we will need to overcome in implementing our solution:

C1: Connecting Ionic, AWS, and Node/Express. Challenges may include setting up secure API endpoints, managing AWS credentials and permissions, handling CORS issues between the frontend and backend, and integrating AWS services with the Node/Express backend. In order to show a good solution, we would have to demo a user creating an account and logging in as well as choosing, creating, and editing a Recipe,

C2: Transition Between Web and Mobile Views. Challenges for this will be making sure that the Ionic framework can toggle between web and mobile view, while maintaining the same format. The solution for this will be testing each of the views as we push code to our repository.

C3: Displaying Recipes and API Integration. A large part of this application is the ability to view recipes from our database so being able to view the database information is crucial. A challenge for this is that some of the recipes will rely on API calls to get the ingredients and instructions and connecting this API to our application will need to be tested.

Challenges covered by demos:

In this section, we outline the demonstrations we have prepared, and exactly which of the challenge(s) each one of them proves a solution to.

Demonstration 1: Creating an Account and Logging In

Challenges addressed: C1: Connecting Ionic, AWS, and Node/Express.

Flight Plan: Step by step overview of demo

1. First the user will access the create account page
2. Then the user will enter the name, email, password and press submit
3. Next the user will access the login page
4. Then the user will enter the email and password and press submit

Evaluation:

- ✓ Convincingly demo'd each of listed challenges?

- ✓ Other evaluative comments:

Demonstration 2: Choosing and Creating a Recipe

Challenges addressed: C1: Connecting Ionic, AWS, and Node/Express

C3: Displaying Recipes and API Integration.

Flight Plan: Step by step overview of demo

1. First the User will access the Recipes page.
2. Then the user will look at the recipes to choose from on the right of the screen.
3. Then they will choose a recipe they like.
4. Lastly the User will create a recipe.

Evaluation:

- ✓ Convincingly demo'd each of listed challenges?

- ✓ Other evaluative comments:

Demonstration 3: Showcase the Desktop View and Mobile View

Challenges addressed: C2: Transition Between Web and Mobile Views.

Flight Plan: Step by step overview of demo

1. First the Developer will view the home page on desktop view
2. Then the developer will access the inspect the page
3. Next, the developer will switch the mobile view
4. Lastly, the developer will view the home page on mobile view.

Evaluation:

✓ Convincingly demo'd each of listed challenges?

✓ Other evaluative comments:

Other challenges recognized by not addressed by demo:

If there were challenges you listed earlier that were *not* covered by a demo, list here. This will hopefully be a short list...but better to be clear about where you are. If you have items here, you could list (if applicable) any pending plans to reduce these risks.