Center of Excellence

Overview:

The curated process for project 1 in the technology phase of Next Gen training was defined using a similar approach to that of capstone projects. The center of excellence utilized the four primary themes we offer for capstones and defined the requirements based upon the core functionality of these applications. This document will outline the process for setting up the technology project for a Next Gen cohort.

Preliminary Knowledge:

All associates in the cohort should have completed the foundations project and have a good understanding of API engineering. This second project will expand their API engineering capabilities into the context of a full stack application.

The cohort will be divided into small teams (between 3-6 associates depending on the size of the cohort). Each team will get to select from the four themes of applications to build in their second project. Each project will be built from scratch, utilizing the technological skills developed during the Technology phase of training. These applications must be developed into full stack applications.

The theme options include:

- Social Media
- Commerce
- Banking
- Healthcare Insurance

Each of these themes has their own set of defined functional requirements and a list of extra optional functional features that the teams can use to expand the capabilities of their application.

The teams will also be required to present their finished project at the end of the technology phase and demonstrate that they have completed the minimum viable product requirements.

The Setup Process:

Upon entering the technology phase of the Next Gen training, the trainer will need to divide the cohort into teams. The trainer will then reach out to their Center of Excellence POC and be given access links to the various project theme backlogs on Trello:

- <u>Banking App</u> <hyperlink>
- <u>E-Commerce App</u> <hyperlink>
- <u>Healthcare Insurance App</u> <hyperlink>
- <u>Social Media App</u> <hyperlink>

Trainers should review each of these boards and options with the entire cohort. Each development team will need to decide on an application theme to build in their second project. After the teams have selected their application themes, the trainer will need to go through the following process:

1. Create a Trello workspace to host their project 1 Kanban boards.
   a. This can be done by hitting the '+' button next to the workspaces list on the home page.
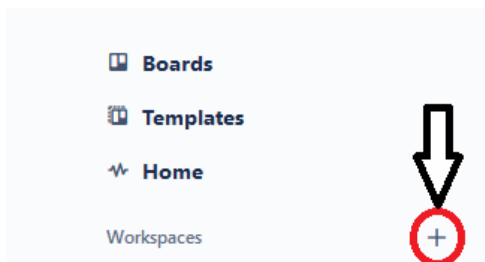
2. For each team's decision, the trainer must copy the appropriate template board provided by CoE into a new board on the workspace they created for their cohort.
   a. This can be done on the template board by clicking the 'show menu' button in the top right corner.
   b. In the menu, click the 'more' choice to see an option to 'copy board'.
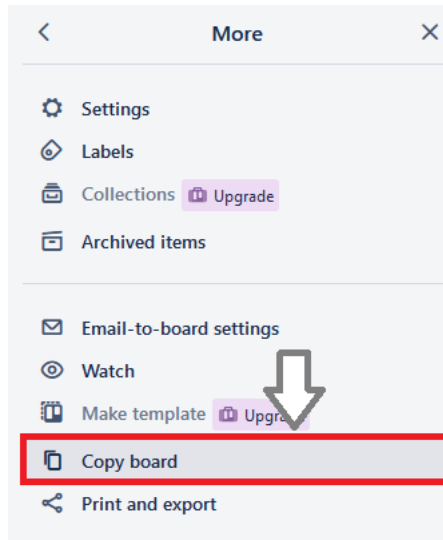
3. Generate invite links to the copied boards and give them to the respective team members.
   a. This can be done on the appropriate boards by using the 'Share' button at the top.
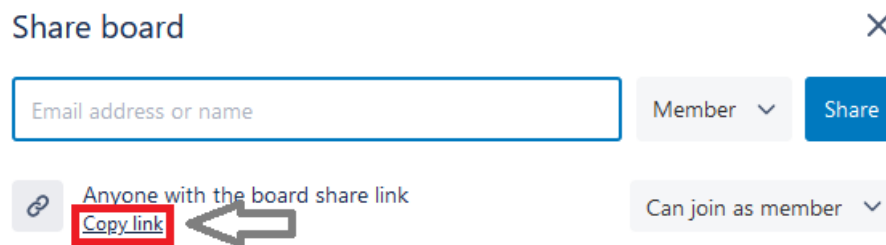
4. Have each team assign one member as the team lead that will facilitate scrum ceremonies and document/track the team's development process to ensure completion of the requirements.

During the Project:

The trainer should conduct regular check-ins with the team leaders to ensure each development group is on track to produce a minimum viable product by the deadline. Each team can build out any feature within the product backlog *only* after the MVP requirements have been met.