

Organization Name

Action Against Hunger Canada

Organization Website

<https://actionagainsthunger.ca/>

Product

Students from last semester have started to build an Android app. We'd like to pursue this project and keep developing the app to add more features.

Users/Stakeholders

First and foremost: school-aged children (6-19 years old) participating in Generation Nutrition, our signature food education program + their teachers.

Also: professionals from the food sector (dietitians, cooks, gardeners, farmers, nurses, etc.) who could answer questions and write posts.

Value of the Project to the Organization

We are excited about the idea of having either a web platform or an app that will share food growing and health tips, food justice news, family services in the areas we work in, and continued ways for educators to build on their students' learning. We'd love for there to be 'guest posts' from nutrition and health professionals, farmers and growing experts, and food justice leaders, that communities can then connect with. We want our participating groups to be able to use it to connect with each other both in Canada and around the world (this program itself is only in Canada but our organization works in 50 countries and others are excited about connecting kids with kids) - post success stories and ask questions which others can answer to, learn about the unique challenges some groups face, see how our understanding of food changes across demographics, and set up Skype chats and projects together to foster longer term relationships.

Key Functionalities & Features

The students from last semester began creating our app. We're hoping that new students will work on ensuring its usability (A) and creating expanding features (B). We're very open to talking on what students would like to work on which could benefit their learning.

A) Some features to implement in future (as suggested by team 10):

- improve the authentication, try to make it easier when users want to create a pool of users without email verification
- Enable the image and videos/audios storage in dynamoDB.
- Enhance front end functionality and design

B) Other ideas:

- Adding a map feature to pinpoint schools
- "gamifying" food education by enabling users' levels, each level could be unlocked after completing a series of challenges/tests/quizzes
- Allowing more video and photo content for educational purposes: for instance, the interview of a farmer in Nigeria

Notes

1. You will be working with code developed by students in CSC301F class. This will be a great exposure to how challenging taking over a codebase can be. On the other hand, it will be rewarding because a lot of the early setup work is already done and you can get started faster.