

**BAGUIO FITNESS CENTER MAP  
PROGRESSIVE WEB APPLICATION  
PROJECT PROPOSAL**

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## **BACKGROUND**

The group is tasked with the development of a Progressive Web Application (PWA) which will help the user locate a proper fitness center based on the preferences input on the application.

Proper physical activity can improve an individual's health and reduce the risk of developing several diseases by strengthening the body, most notably the immune system. Being physically fit can have immediate and long-term benefits to the individual engaging in physical activities. Finding a proper area to practice such activities is one of the initial steps for individuals looking to improve their physical health and well-being.

## **SIGNIFICANCE**

The proposed Progressive Web Application which will be created by the group will assist individuals, based on user-defined preferences in locating a proper facility (e.g. fitness centers) to practice activities benefiting their overall physical health and well-being.

The proposed Progressive Web Application is to be created also in fulfillment of the midterm requirement in the course IT-324L, Web Systems and Technologies Laboratory.

## **FEATURES**

The following features that are listed in this section are planned functions of the Progressive Web Application:

- Fitness Center Map
  - A map which points the location of various fitness centers within Baguio city will be included in the application. The user will be given information about a fitness center that is selected.
- Equipment Availability Display
  - Information on the availability of equipment in a selected fitness center will be given to the user in list form.
- Service Availability Display
  - Information on the availability of additional services (e.g. Personal Trainer) offered by a selected fitness center will be given to the user in list form.
- Equipment Filter
  - The application will provide a filter that can be used to narrow down fitness centers based on preferred equipment from information input by the user.
- Service Filter
  - The application will provide a filter that can be used to narrow down fitness centers based on services available from information input by the user.