

## Project Management System

**Problem Statement:** We had a problem regarding the maintenance of the projects and the tasks under those projects. We had to develop a web application that would be single page application and will have the properties to assign the projects to the respective managers and that would be done by the admin of the organization. It is one of the toughest job to maintain the projects and their respective tasks and assigning them under various project managers.

We made sure that we build the project and that would be a single page web application which will consider an organization's various profiles and will deal them according to their role. The application will also give different access to different roles such as admin, manager, team leader and developer and the various roles will have operations like create, read, update and delete. For example, an admin will have the access to create a new user and admin can also edit or delete the user. Admin have also the authority to create the new project and assign it to the project manager. Just like a project manager will have the accesses to assign different tasks of the project to different employees and adding and deleting of tasks will also be taken care by the project manager. This hierarchy wise task distribution has been dealt with proper maintenance. The project will have the future scope to run on an android or IOS. All and all it is an innovative idea that is executed by perfection.

Git: <https://github.com/projectmanagement-ibm/ProjectManagement>

Firebase: <https://project-management-efbbf.firebaseio.com/>

## **Fitness Tracker**

**Problem Statement:** We need to develop Personal Fitness Tracker single page application, which is used to manage personal workout and fitness plans.

In Today's World We don't know, how much Calories had burnt by doing particular activity, So the main objective of this project is to give some suggestions based on his/her BMI(BodyMassIndex) . Based on suggestions provided the user wants to select some activity and daily he will enter activity and no of minutes done ,So that whenever user save his workout plan the dynamic graph is displayed and report will be sent through mail to user that he has burnt this much calories by doing this activity. To access this application firstly the user wants to register through google mail.

Git: <https://github.com/GeethaSrinivasK/Project>

Firebase: <https://fir-demo-31103.firebaseio.com/>

## Skill Management System

**Problem Statement:** We need to develop Skill Management single page application, which is used to keep track of skills of the employees.

The Academic Manager wants a single page application to keep track of skills of individual Full Stack Engineers. Using this internal portal the manager should be able to perform following operations:

- **Search Associate:** John will be able to search associate with following criteria:
  - Search by associate name
  - Search by associate ID
  - Search by Email ID
  - Search by Mobile Number
  - Search by Strong Skills
- **Add new Associate:** John will be able to add new associate and its respective Full Stack Development Skills.
- **Edit, Delete & View Associate:** The associate which is searched can be updated, deleted and viewed.
- **Add Skill:** It will allow John to add new skills so that it can be used in “Add New Associate” page.

Git: <https://github.com/bharathpolineni/project>