

## **Abstract**

Helios is a fitness center located in the Metro Indah Mall second floor, Jl, Sukarno Hatta No. 590, Bandung. Helios has complete facilities and programs. Facilities contained in the helios consist of weight-training, cardio equipment, personal trainer, locker, shower, dressing room, and cafe. Special program contained in such as yoga program, aerobik program, line dance program, hip hop program, and spinning program.

In running operational activities, Helios still using manual system. Operational activities, such as registration of new member, attendance members, special class time table and provision of locker key, all done manually and without the help of system. This may cause invalid data and does not integrate the data on the fitness center.

The final project title, “Operations management applications in fitness center ( case studies in Helios Bandung)”, has the capability in handling the management of employee data, managing officials schedules, staff attendance, member data management, Presence member, inventory management, and management of special classes. The application was built with the java programming language.this application also use MySQL for manage database.

The expectaions of this application it can feed into helios in addressing and managing the operational activities, such as managing employee data, managing staff and member presence, organize and manage special class time table, and to solve the registration former, in order to optimize the service in the fitness center Helios Bandung.

Keyword : fitness, Helios, java, MySQL