

## E-Merit Student / Resident Registration System (ERS) for Evaluation

### TECHNOLOGY DESCRIPTION

The E-merit Resident Registration System (ERS) helps to improve the way of collecting activities' merit for residents or students.

### TECHNOLOGY FEATURES

The ERS automatically generates a total number of merit that achieved by students when they attended activities; either organized by University or Collage. The system provides efficient and systematic methods for supporting the merit point calculation. The project scope is divided into two which is the User Scope and System Scope. There are three users consisting of administrator, manager and end-user and that each will have their own authorization towards the system. The system uses Sublime, XAMPP, MySQL, MySQLYog and PHP to develop the system.

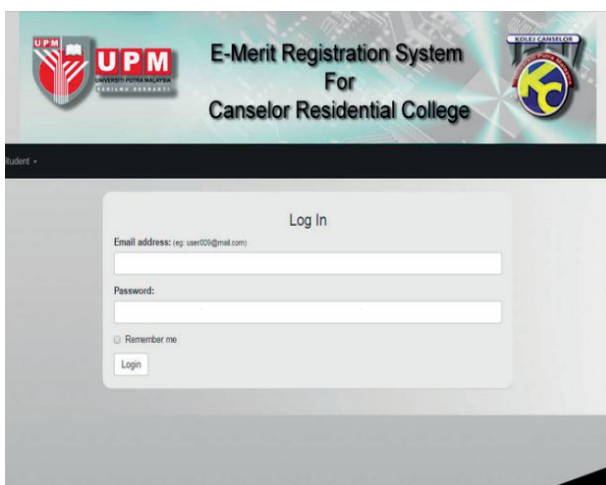
### ADVANTAGES

- Improves the work-flow for merit based calculations
- Reduces management costs in terms of labor and time

### INDUSTRY OVERVIEW

#### Prospect: Education and Training Industry

The merit perspective proposes that students be admitted according to their success in two areas of achievement: academic achievement and non academic extracurricular. In the past, colleges calculate students' merits by developing a composite ordinal scale or simple merit calculator that combines academic criteria, including grades, test scores, quality of high school curriculum, and recommendations. The system aims to overcome some related issues in calculating activities' merit and intends to make merit calculation process more smoothly and time-effective. The E-Merit Resident Registration System (ERS) automatically generates a total number of merits that are achieved by students when they attended activities; either organized by the University or College. The system provides efficient and systematic methods in supporting the number of merits gained by the residents/students, and the way merits are calculated. This invention can be used by all public universities, and private universities in Malaysia that have college facilities. In addition, it is also relevant to 744 SMEs listed under the Education and Training industry.



**Dr. Masnida Binti Hussin**

Faculty of Computer Science and Information Technology