CPENEWS User manual

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ABSTRACT

This document is the Software user manual (SUM) for the CPENEWS project and was made according to the software engineering course. The Software User Manual instructs how to install and use the CPENEWS application and website. This project is part of the Software Engineering course (261361) at the Chiangmai University, Thailand.

CONTEXTS

GENERAL INFORMATION

And INTRODUCTION

CPENews

The smart application with bulletin for who are interesting in Computer Engineering Majoring.

Description

CPE NEWS application is made for everyone who want to know about news, activities, event and time-table about study course of Computer Engineering and Information System Network Engineering of Chiangmai University. Only one touch it will show all what you want to know.

Benefits and Value

Benefits and Value provided by the CPE NEWS application are

- Completely inform about event and course time in the department of Computer engineering.
- Smart timetable that has automated update system.
- Flexible and convenient to add and edit the detail in the application by admin user.

Platform Requirements

This application need minimum requirement specification:

- Android version 5.0 (Lollipop)
- HTML 4

Application's software architecture

Our application and website base in Client-Server- architecture. Client-Server architecture strategy is to store all data update and information in server side and user keep track to new information and pulling it back to user to operate the application website or programs

This application is separating into web application and android application. Both application fetch the data from the same database by API is the middleware.
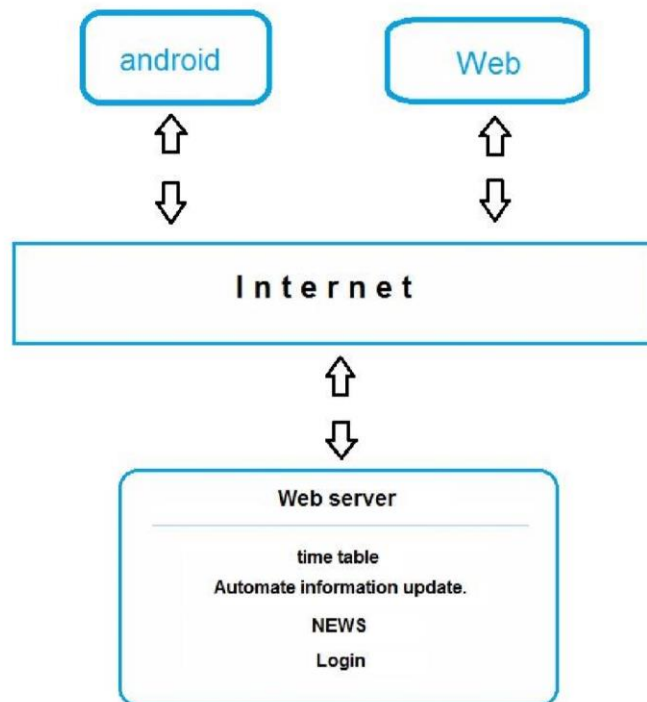
GETTING STARTED

Installation

The newest installation version currently available can be downloaded from contact menu in the website and is an apk file, which should be installed on the device. For specific instruction on how to install application on specific device refer to user manual. User ID and password of admin can ask from us. Abort all, this application need internet for use.

Application features

- Automate information update.

- Time Table Include course, event, room will be updated by system.

Home page features

- Have sliding picture and text information about the event picture

News features

- Can show the contents of news from the department of computer engineering. And on each content will show different if the content has the picture cover or only the text information.
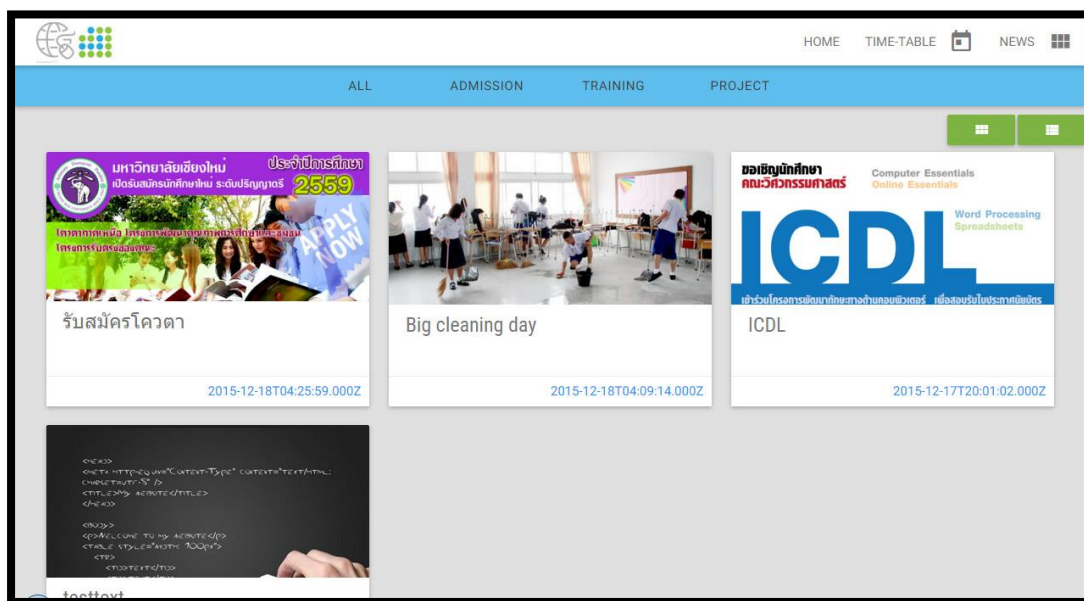
Pic 1: News menu.

- Can choose the view pattern in form grid and list by click the button.
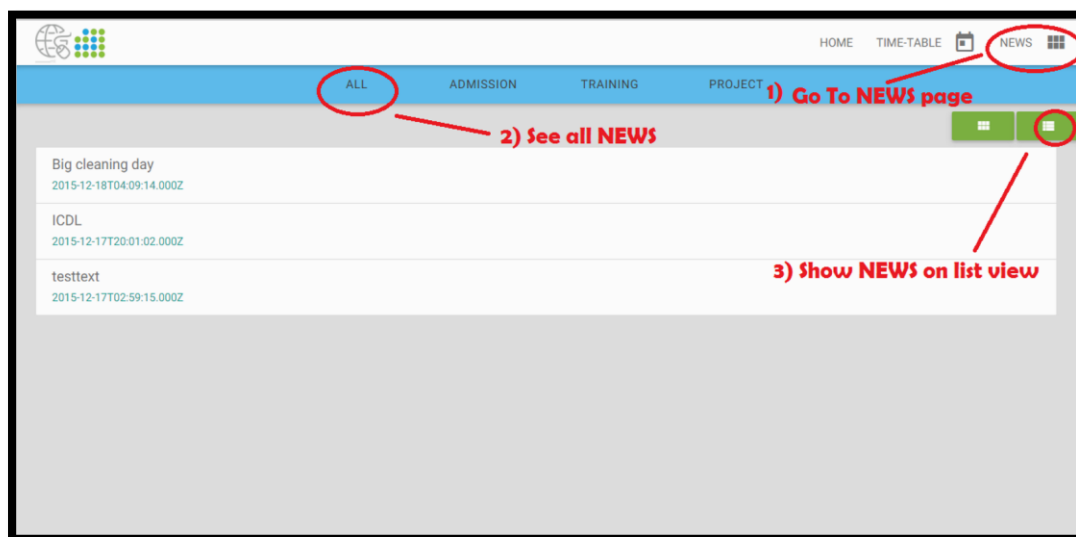
Pic 2: List view button.
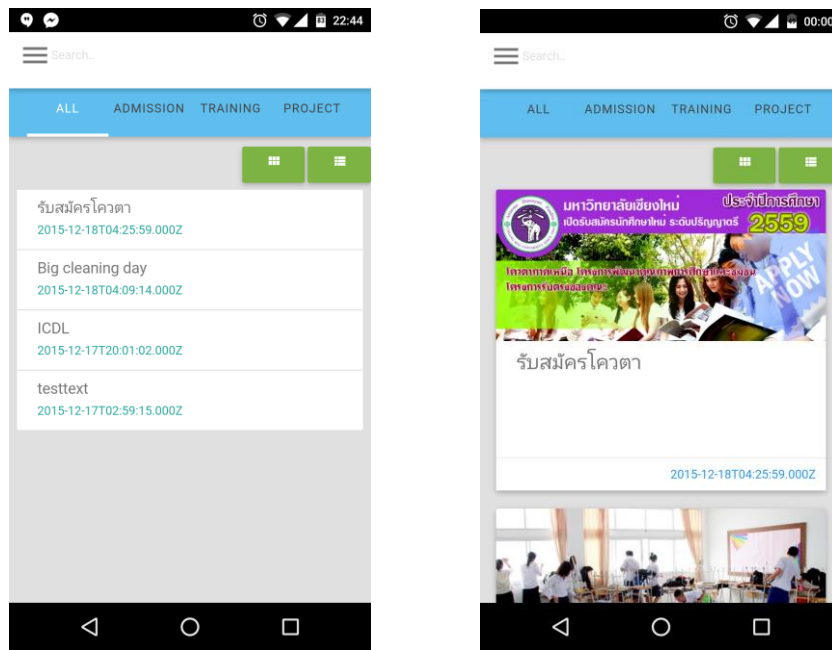
Pic 3: List and Grid view button (Mobile view).
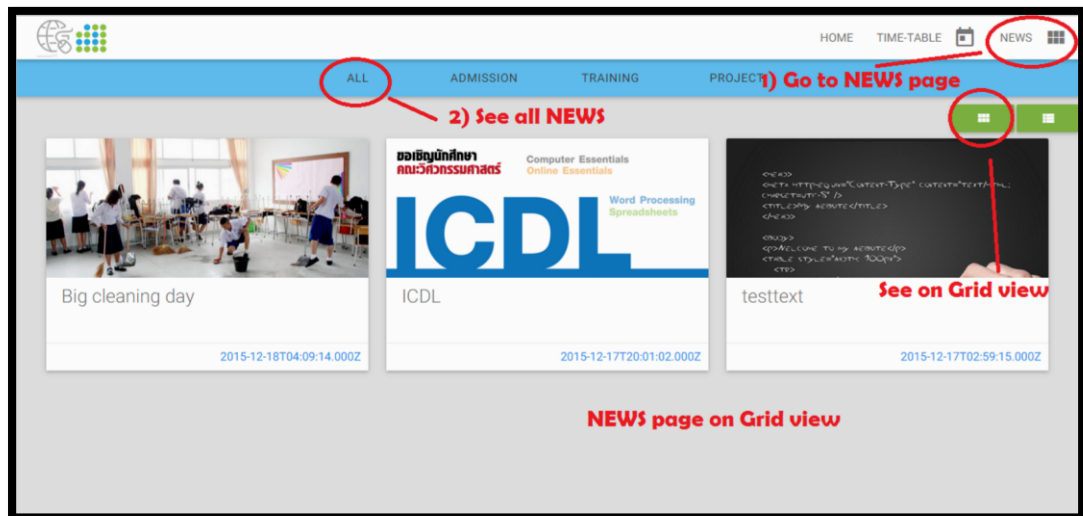
Pic 4: Grid view button.

- The contents have separate by categories.
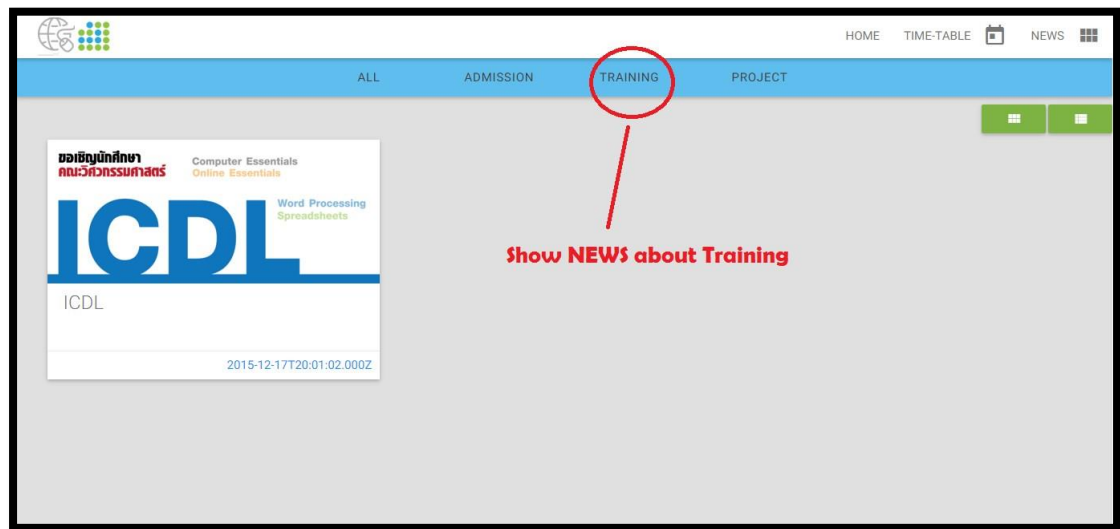
Pic 5: Categories in news menu.

- When click on each content will show the all detail in each content. And view will show different for has a picture cover or only text information.

Pic 6: Show content of news.

Pic 7: Show content of news. (Mobile view)

Time-Table features

- The table will show the information of event that use room in the department of computer engineering in that moment and the next event in that day. The information will separate by color of the category and the information including the course or exam in midterm/final exam.

Pic 8: Time-Table menu.

Pic 9: Time-Table menu. (Mobile view)

Admin features

- Login page is the hide for pass through menu for security and the admin can pass through the login page by write the URL following "#/admin". The default login have Username as "Admin" and Password as "root".
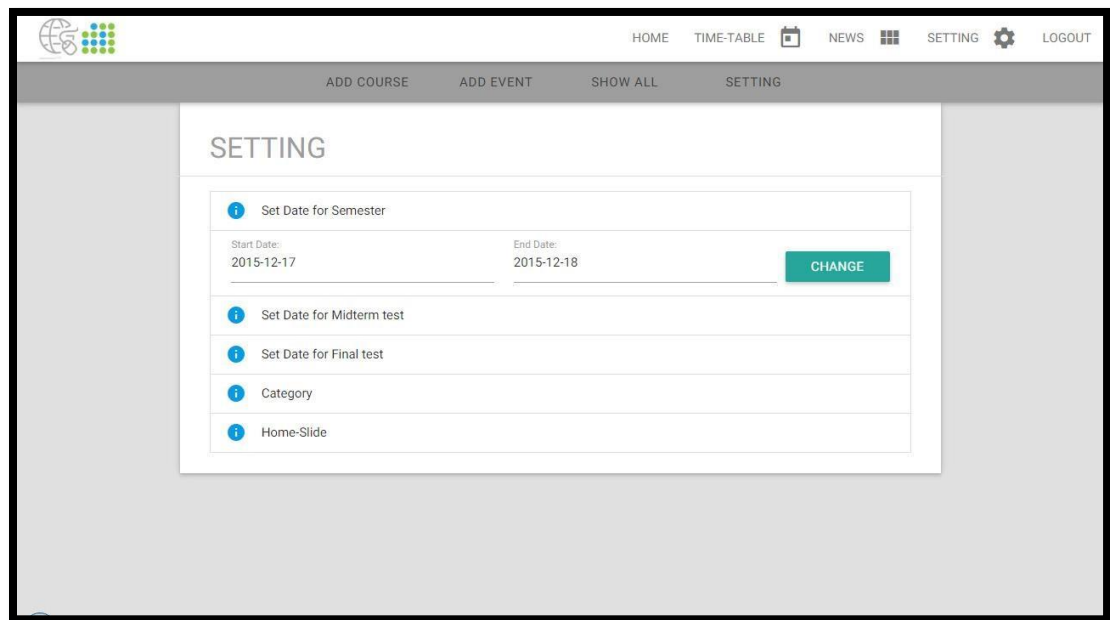

Pic 10: Login page.

- When success login the user interface will change to admin interface the menu will show the setting menu for manage website. In setting menu have submenu for easy to manage the information

Pic 11: Setting menu.

- Setting submenu for configurations the general view on website. The website need the information of the date semester, date exam for midterm/final exam to show the course in Time-Table feature. If the pass the semester or in the exam the information will show only the event on department.
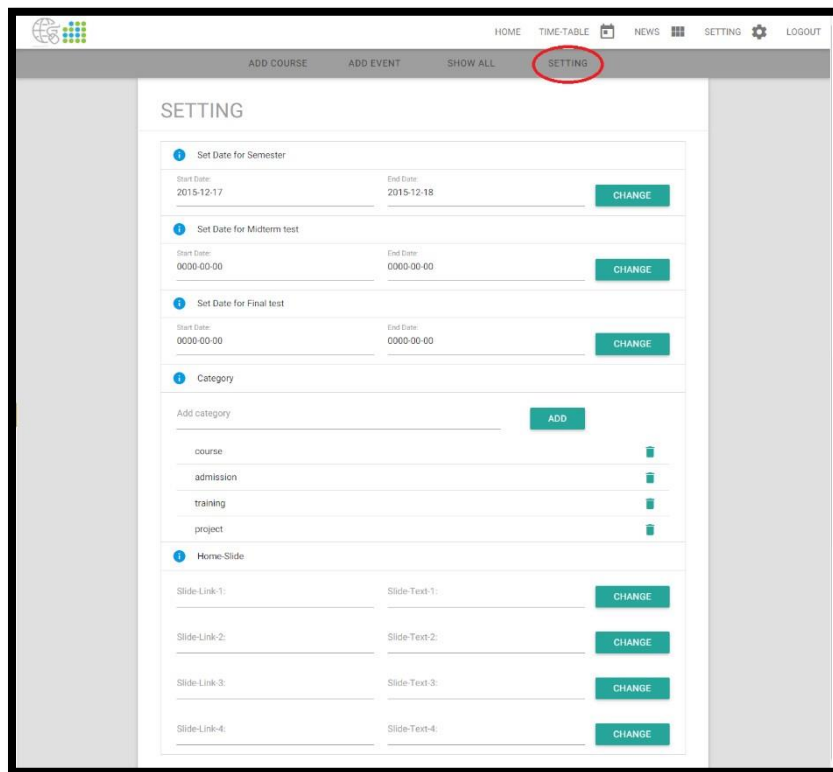
Pic 12: Setting submenu.

- You can manage the category of News feature by add or delete it. Also can change the picture sliding on home page and change the text for the picture to tell what's coming soon event.

- Show all submenu for show all the course and event on website. Admin can edit and delete the course and event by click the button.

- In edit mode will show in form and when done editing click the edit button when it success will back to the show all submenu again.

Pic 13: Edit information form.

- In delete mode, when deleting success will show dialog and the text "done". The content will deleted.

Pic 14: Delete button in show all sub menu.

- Add event submenu for add event or news for show in the News features. To input the form the information that the systems requires are the title, category and detail. *in detail also have the text or picture link but in text need the text without style of font.

Pic 15: Add event form.

- Add course submenu for add course for show in Time-Table feature. To input the form the information that the systems need are name of course, course number, room, time, section and the day of course when done creating the system will show the show all submenu.

Pic 16: Add course form.

APPENDIX

Appendix

Our customer Dome Potikanond has final commend to our project and some addition requirement include

- Room table for find the available room on the time.

- More information about room in each row.

He wish we continuous developed our application because this application can be very use