King Mongkut's University

Experience with IBM software prepares students for workplace success

Overview

The need
King Mongkut's University of Technology Thonburi (KMUTT) needed to find classroom technology that would cover a wide array of IT services.

The solution
Through the IBM Academic Initiative program, KMUTT implemented IBM® Rational® Application Developer, IBM Worklight®, IBM DB2® and IBM System z® software; an IBM Bluemix™ platform; and an IBM IT Service Management solution in IT classrooms.

The benefit
Knowledge about and experience with enterprise-level technology solutions help prepare scholars for success in the workplace.

Based in Bangkok, King Mongkut's University of Technology Thonburi (KMUTT) specializes in engineering and technology education and research. Founded in 1960, the Thai university has approximately 16,000 undergraduate and graduate students and more than 1,000 staff members.

Classrooms need relevant technology

KMUTT's primary mission is to prepare scholars for success in the IT industry. After graduation, students are most attractive to potential employers when they have had hands-on experience with relevant technology. The university offers courses in various technologies, including mainframe architecture, Java language programming, server-side programming and mobile application development. With such a diverse curriculum, KMUTT needed to find classroom technology that could cover a wide array of IT services.

Unhawa Ninrutsirikun, lecturer at King Mongkut's University of Technology Thonburi, explains that students must learn numerous technologies. She says, "IBM is one leading IT company that can provide solutions across all of those different technologies…. The decision to participate in the IBM Academic Initiative became quite an easy one for us to make."

Accessing enterprise-level technology

Ninrutsirikun engaged the IBM Academic Initiative program because faculty and scholars could access enterprise-level technology for the complete range of subjects the school teaches. KMUTT implemented IBM Rational Application Developer, IBM Worklight, IBM DB2 and IBM System z software; an IBM Bluemix platform; and an IBM IT Service Management solution.

In addition to gaining hands-on classroom experience with IBM technology, many students use IBM products for senior projects or to complete an internship with IBM.

Preparing for success in the workplace

Approximately 80 percent of KMUTT IT students have had experience working with IBM technology during their time at the university, a fact that Ninrutsirikun says will help these students get good jobs once they graduate.

In addition, scholars can get certifications for the IBM technologies they have used, which helps showcase their expertise to potential employers. Knowledge about and experience with enterprise-level technology solutions help prepare students for success in the workplace, and Ninrutsirikun points out that this advantage exists because of the IBM Academic Initiative. She says, "IBM is the leading IT company that allows our university to use IBM software, under the Academic Initiative program. Because of this, we believe that our students will have the chance to get good jobs."

Solution components
- IBM® Rational® Application Developer
- IBM Bluemix™
- IBM Worklight®
- IBM DB2®
- IBM System z®
- IBM IT Service Management

For more information

To learn more about the IBM Academic Initiative program, please contact your IBM marketing representative or IBM Business Partner, or visit the following website:
ibm.com/academicinitiative

EBC03008-USEN-00