

In today's open source software (OSS) environment, PHP (Personal Home Page) scripting language [1] and MySQL database [2] offer an alternative, effective and cost-saving solution to build data-driven, dynamic, and personalized web applications. Meanwhile, on-line electronic learning becomes ubiquitous and unique for contemporary education. In this article, we will discuss the process of developing and deploying student forums using the PHP and MySQL technologies. We have found that by including on-line forums to support classroom instruction, student participation increases dramatically.