Rapid growth of technology invalidates newly produced information and causes it to become old. This situation leads teachers, instructors and academicians to use the information duly and effectively. To achieve this goal, there should be some tools that will be used by wide range of educationists in a way that is fast and effective. These tools should also allow them to create the knowledge and share it. In this study, we have developed a web-based dynamic content generation tool for educationists who are teaching Object Oriented Programming (OOP) course. The software tool that we have developed is capable of creating course content and generating UML class diagrams dynamically related to basic OOP concepts according to the information provided by the course instructor. Our developed tool is easy to use, has user-friendly interface and can be adapted to any other programming courses easily.

ents who enrolled in the Algorithm and Programming class in blended and traditional education are close.