The social constructivist philosophy of Moodle makes it an excellent choice to deliver e-learning contents that require collaborative activities, such as those that are associated with online labs. In the case of online labs that enable web access to real devices (remote workbenches), access time should be reserved beforehand. A booking tool will avoid access conflicts and at the same time will help the students to organise their time and activities. This paper presents a Moodle extension that was developed within the Leonardo da Vinci MARVEL project, with the objective of meeting this requirement. The booking tool presented enables resource sharing in general and may be used to organise access to any type of scarce resources, such as to online labs and to the videoconferencing rooms that are needed to support collaborative activities.
In the case of online labs that enable web access to real devices (remote workbenches), access time should be reserved beforehand. A booking tool will avoid access conflicts and at the same time will help the students to organise their time and activities. This paper presents a Moodle extension that was developed within the Leonardo da Vinci MARVEL project, with the objective of meeting this requirement. The booking tool presented enables resource sharing in general and may be used to organise access to any type of scarce resources, such as to online labs and to the videoconferencing rooms. The booking module that was developed at FEUP is an extension that is not yet part of a standard Moodle installation. To install this module follow the three simple steps: after a pre-specified delay. A Moodle extension to book online labs.

C. Installation of the booking extension. The booking tool presented enables resource sharing in general and may be used to organise access to any type of scarce resources, such as to online labs and to the videoconferencing rooms.

This book shows you how to use Moodle as a tool to enhance your teaching. It will help you analyze your students’ requirements and come to an understanding of what Moodle can do for them. After this, you’ll see how to use every feature of Moodle to meet your course goals. The phrase online learning experience connotes a more active, engaging role for students and teachers. It connotes, among other things, web pages that can be explored in any order, courses with live chats among students and teachers, forums where users can rate messages on their relevance or insight, online workshops that enable students to evaluate each other’s work, impromptu polls that let the teacher evaluate what students think of a course’s progress, and directories set aside.