

Zgłoszenie tematu pracy dyplomowej :: STUDIA I STOPNIA ::

Promotor:	dr hab. Jozef Kapusta, prof. UP
Temat pracy dyplomowej (j. polski, j. angielski):	Teacher's Analytic Module in VLE Moodle
Zakres pracy i oczekiwane rezultaty praktyczne:	Data Mining is very useful in the field of education, especially when examining students' learning behavior in online learning environment. The aim of bachelor's thesis is to develop Learning Analytics Module that should be included as a part of the VLE Moodle. The primary goal of the module is empowered teachers to manage the learning path of their students. The module implemented in the course should show student's learning progress, the course evolution and descriptive statistics about their study outcomes.
*Wymagane oprogramowanie/języki programowania:	PHP, SQL, JavaScript
*Środowisko uruchomieniowe:	Windows or Linux
Dodatkowe wymagania i uwagi:	English Language
*Literatura:	<ol style="list-style-type: none"> 1. Moodle Developer Documentation - https://docs.moodle.org/dev/Main_Page 2. BING, L. 2011. Web Data Mining: Exploring Hyperlinks, Contents, and Usage Data. Springer Heidelberg. p. 637. ISBN 978-3-642-19459-7. 3. Drlík, M., Švec, P., Kapusta, J., Mesárošová, M.: (2013). Moodle: Kompletní průvodce tvorbou a správou elektronických kurzů. Brno : Computer Press, 344 p. ISBN 978-80-251-3759-8. (in Czech)

*poła opcjonalne