NATIONAL SCIENCE FUND
Ministry of Education and Science

An innovative software platform for big data learning and gaming analytics for an user-centric adaptation of technology enhanced learning (APTITUDE)

Иновативна софтуерна платформа за анализи на големи масиви от учебни и игрови данни за ориентирана към потребителя адаптация на технологично подпомогнато обучение (APTITUDE)

Contract №: КП-06-ОПР/1 от 13.12.2018

**Place: University of Niš
Nis, Serbia
03-09.02.2019**

Program (03-09.02.2019), Nis

- Day 1 (Monday) – visit rectorate University of Nis; (done)
- Day 2 – visit faculty of applied science and informatics
  - Meet leaders of the three groups in informatics (names)
  - Meet dean of the faculty – prof. (to check business card) – number of students – 2500 in faculty;
  - Meet other colegues and 'pro-deans'; number of students in faculty – 45 bsc, master? (two master programs);
  - Discuss bsc and master-degree programs; structure and standards (web site)
- Day 3 - faculty of applied science and informatics
  - Meet competitor team – coach and students;
  - Discuss collaboration and competition organizations
- Day 4 – city exploration
- Day 5: Project collaboration
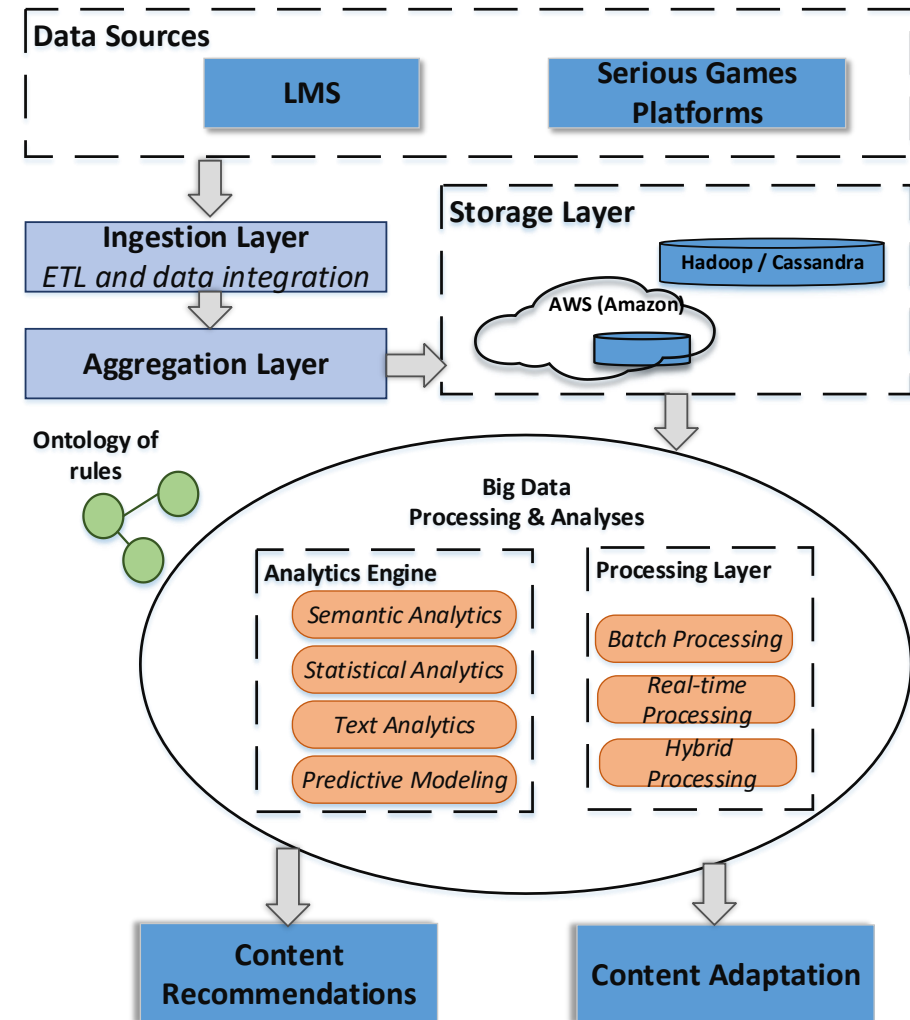
Projects and initiatives

- APTITUDE project (http://aptitude.w3c.fmi.uni-sofia.bg)
- APOGEE project
- National programs in Bulgaria (Collaboration)
- Centre (Centers) of excellence / BigData projects?
- Masters programs/courses (*education*)
- Competitions / Hackatons
- Conferences (Balkan conferences 2019, other)

General Information

- <u>Competition</u>: Competition for financial support of basic research projects on societal challenges – 2018

- <u>Societal challenge to which the project is directed:</u> Improving competitiveness and increasing economic growth in line with the ISSS thematic areas

- <u>Основна научна област/тематично направлениеMain research/thematic area, of the project:</u> Mathematical sciences and informatics

- <u>Additional research/thematic area – for interdisciplinary projects:</u> Social studies; Humanities

- <u>Duration:</u> 12.2018 – 12.2021 (3 years)

- <u>Project coordinator:</u> assoc. prof. d-r Milen Petrov, Sofia University, Faculty of Mathematics and Informatics, Department of Software Engineering

General Project overview

- To create and validate an open software platform for real time learning and gaming analytics of big data produced by modern e-learning platforms and educational games, for a learner-centric adaptation of technology enhanced learning (APTITUDE).

Discussion

- Open issues – participant Faculty members of Faculty of Natural Sciences

- Contacts milenp @ fmi.uni-sofia.bg