

LEARNING ANALYTICS

By:

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THE PROJECT

- THE LEARNING ANALYTICS PROJECT IS TO CREATE A TOOL TO ANALYZE AND VISUALIZE LEARNER DATA FROM THE MASSIVE OPEN ONLINE COURSE PROVIDER COURSEA
- IT IS AIMED AT MONITORING THE STUDENTS' ASSESSMENTS, MARKS, AND COURSE PROGRESS

THE PROJECT

- DR. KEN WONG TEACHES THE UNIVERSITY OF ALBERTA'S COURSE SPECIALIZATION FOR SOFTWARE PRODUCT MANAGEMENT.
- OVER 90000 TOTAL LEARNERS!
- NEEDS A TOOL TO ORGANIZE AND VISUALIZE HIS STUDENTS' PERFORMANCE MORE EFFICIENTLY

THE ARCHITECTURE

- WEB APPLICATION
- LIVES ON A SERVER HOSTED BY CYBERA
- CAN BE ACCESSED ANYWHERE ON ANY DEVICE

TECHNOLOGY USED

FRONT END

- HTML
- JAVASCRIPT
- CSS

TECHNOLOGY USED

BACK END

- PHP
- MYSQL
- PYTHON
- SELENIUM

DEMO

- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=_GPos8D5E3w&feature=youtu.be](https://www.youtube.com/watch?v=_GPos8D5E3w&feature=youtu.be)

CHALLENGES

- LEARNING NEW TECHNOLOGIES
- GROUP OF ONLY 3
- UNFORESEEABLE SICKNESS
- CONSTANT CLIENT REQUIREMENT ADJUSTMENTS
- LAST MINUTE CRASHES

LESSONS LEARNED

- LEARNED NEW TECHNOLOGIES AND EXPERIENCES
- TEAM COOPERATION AND COMMUNICATION
- CLIENT COMMUNICATION

THANK YOU!!

QUESTIONS?