DBL: an information system to manage survey-based studies

Francesco Galbiati



Slides here

July 26th 2024 NECST Research Line Fair Event





About me



Francesco Galbiati

Degree Program



Master's degree in Computer Science and Engineering 1st year

Research Topics



Databases



Information System Technology



Context

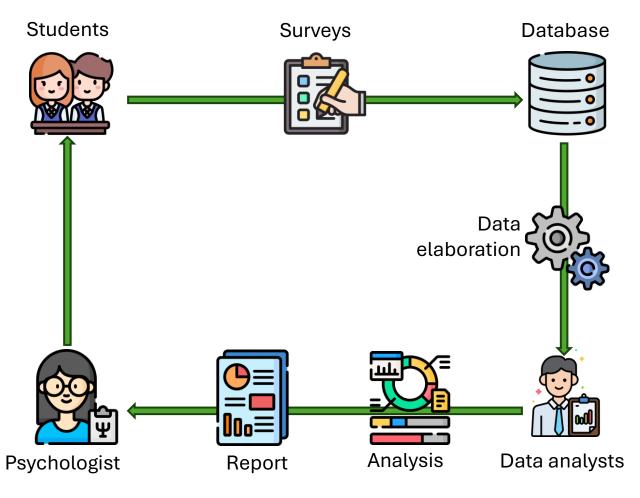
«Personal Awareness and University Career»

Questionnaires proposed to the students every semester

Data are analyzed and returned to the students



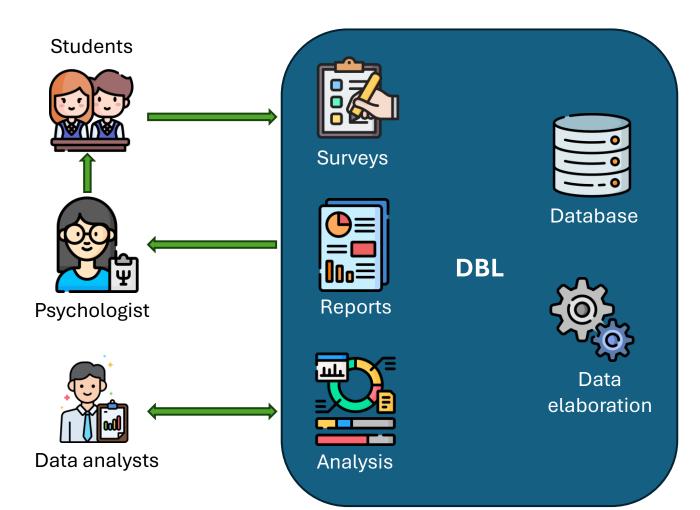
Current Methodology and Problems



- Slow-moving process (semiautomatic or manual tasks)
- Data compatibility problems (different actors use different tools)
- Low scalability



Solution



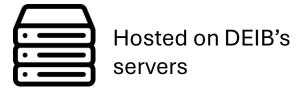
- Faster process (many tasks are automatic)
- No compatibility problems (everyone uses the same platform)
- More privacy for the students
- High scalability

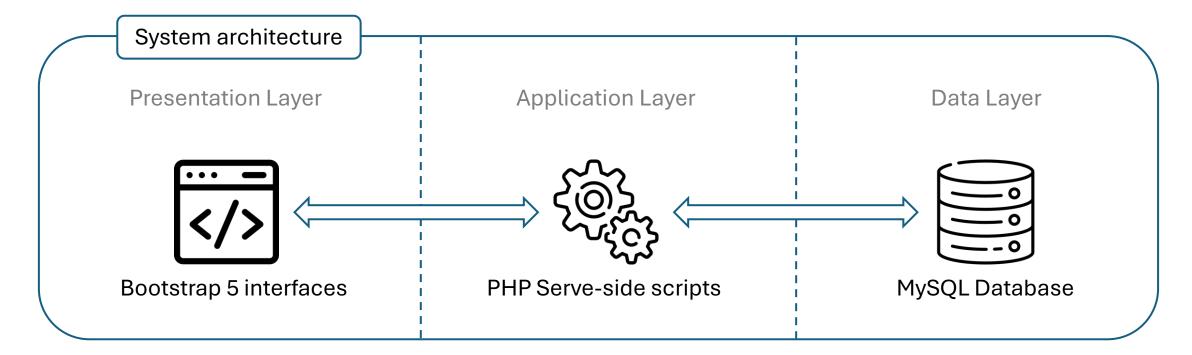


DBL



1st module deployed In September 2024







DBL

WELCOME FRANCESCO

This is your DBL dashboard

Below you will find all your active surveys

Your surveys

MINDSET-8 Expires: 26 July 2024 Type: psychological Complete survey University Career Expires: 3 July 2024 Type: university career Already completed



DBL

UNIVERSITY CAREER

Personal awareness and university career: A NECSTCamp study

Current degree program Bachelor's degree program Master's degree program How many semesters have you attended at Politecnico di Milano so far, including the current one? Degree Program Degree Program... Architectural Design Building and Construction Engineering Urban Planning: Cities Engineering



Future Developments

Development and deployment of the analysis features

DBL will be able to:

- Expand «Personal Awareness and University Career» to a wider audience
- Host other survey-based studies



Thank you for your attention

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