DBL: an information system to manage survey-based studies

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Slides here

July 26th 2024
NECST Research Line Fair Event

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Context

- «Personal Awareness and University Career»

- Questionnaires proposed to the students every semester

- Data are analyzed and returned to the students

Current Methodology

Students   Surveys   Database
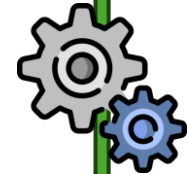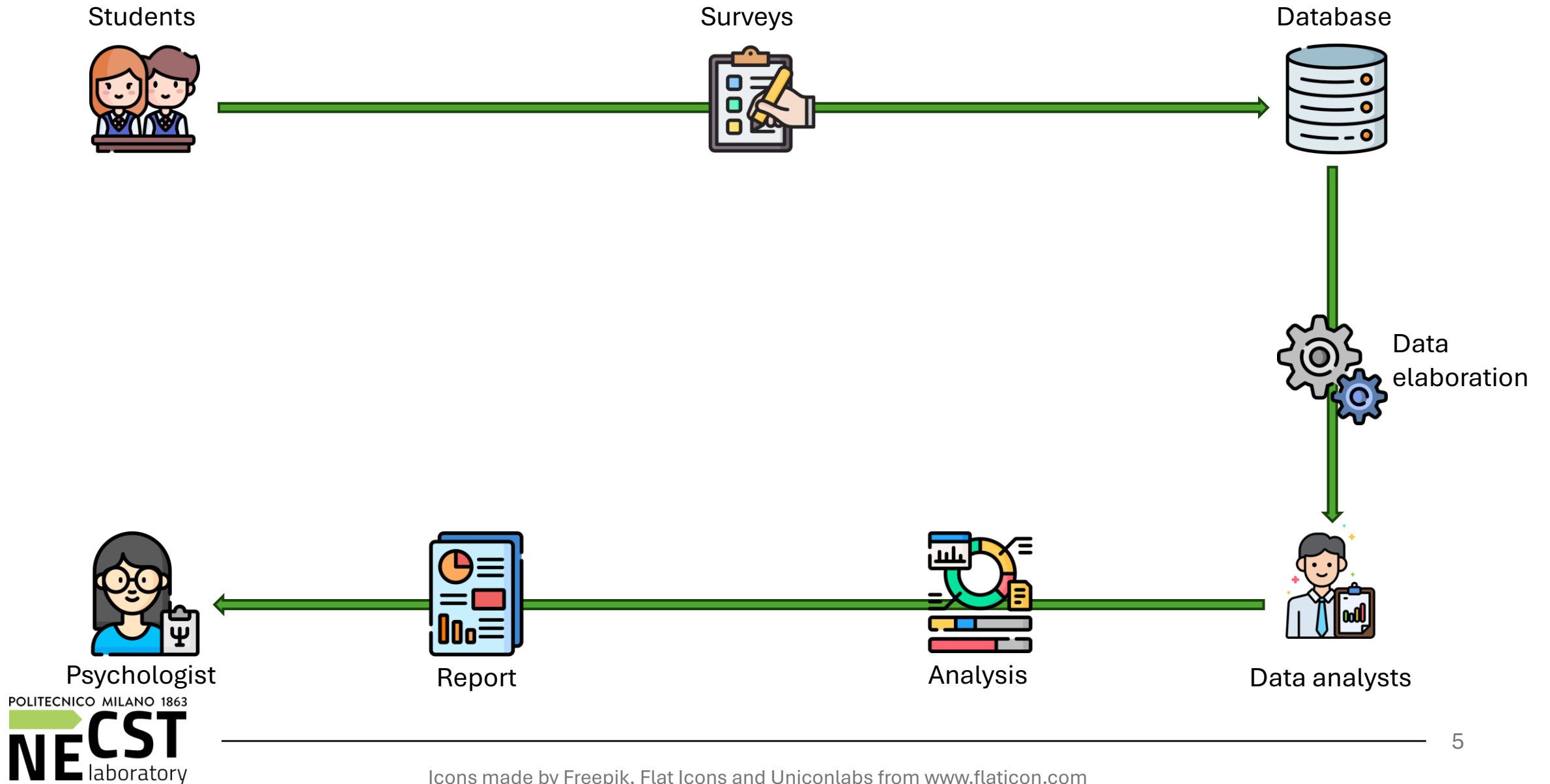
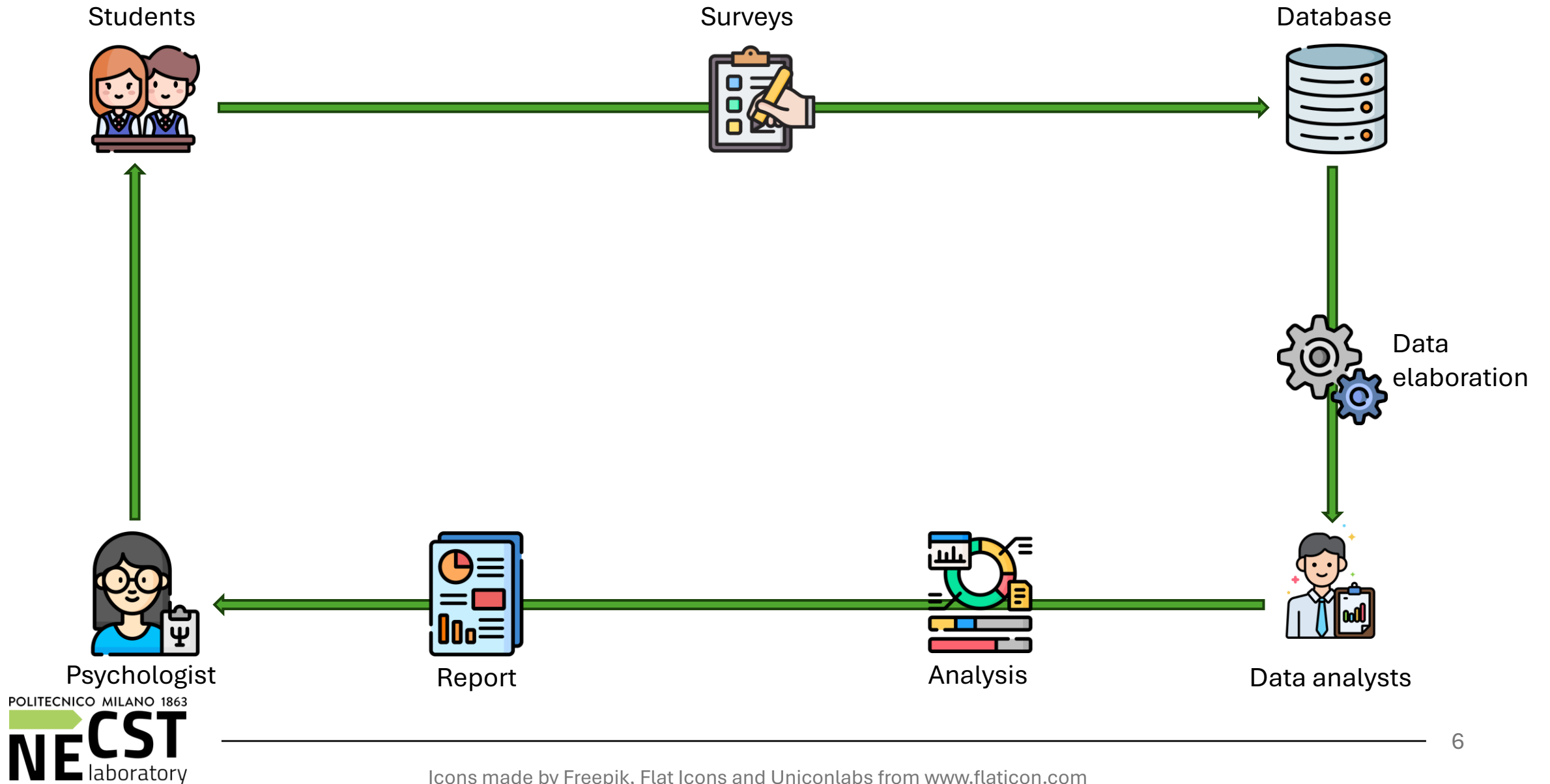# Current Methodology
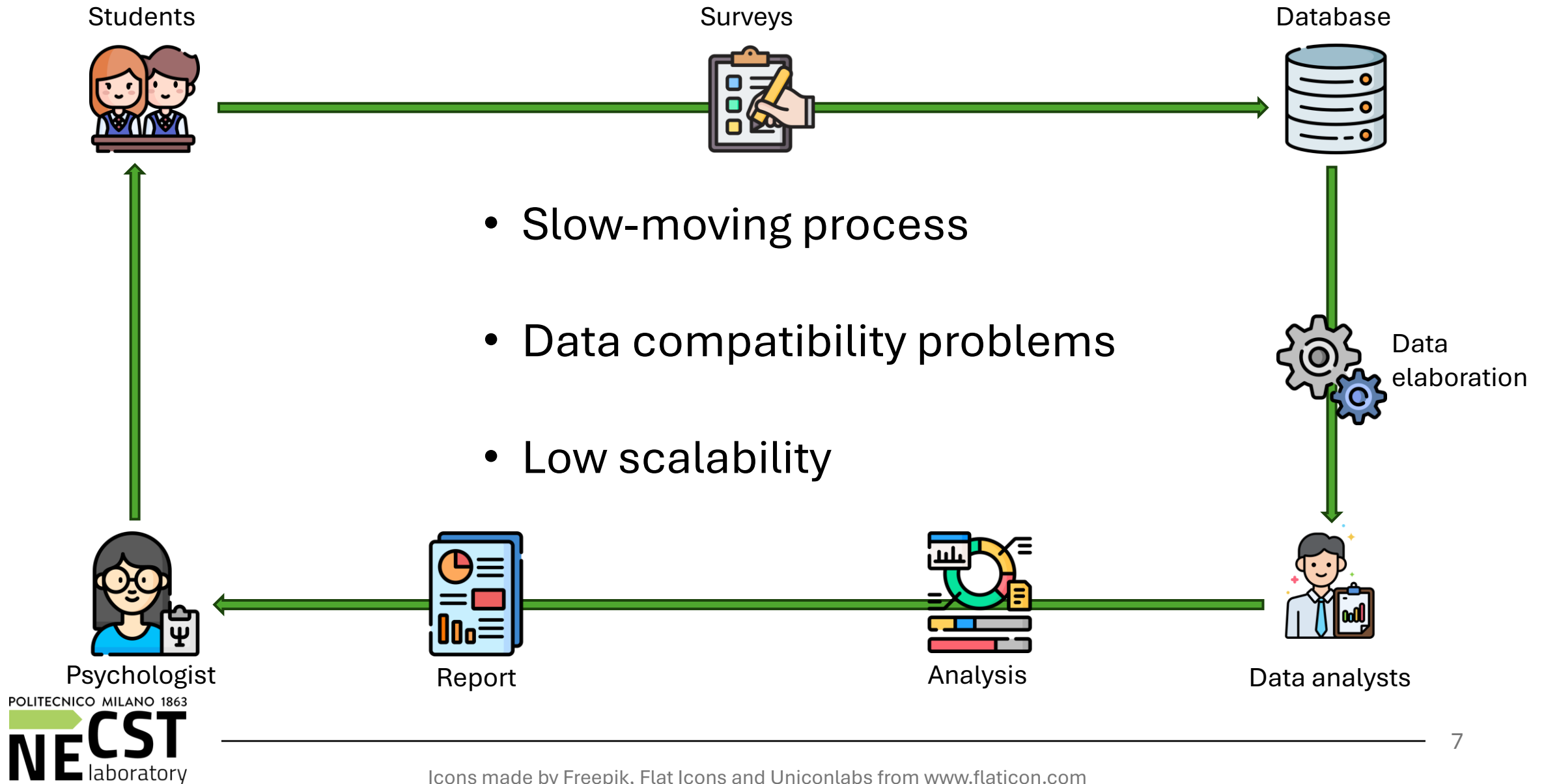
Students

Surveys

Database

Data elaboration

Data analysts

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Current Methodology

Students → Surveys → Database → Data elaboration → Data analysts → Analysis → Report → Psychologist

Current Methodology

Students

Surveys

Database

Data elaboration

Psychologist

Report

Analysis

Data analysts

Current Methodology

Students

Surveys

Database

- Slow-moving process

- Data compatibility problems

- Low scalability

Data elaboration
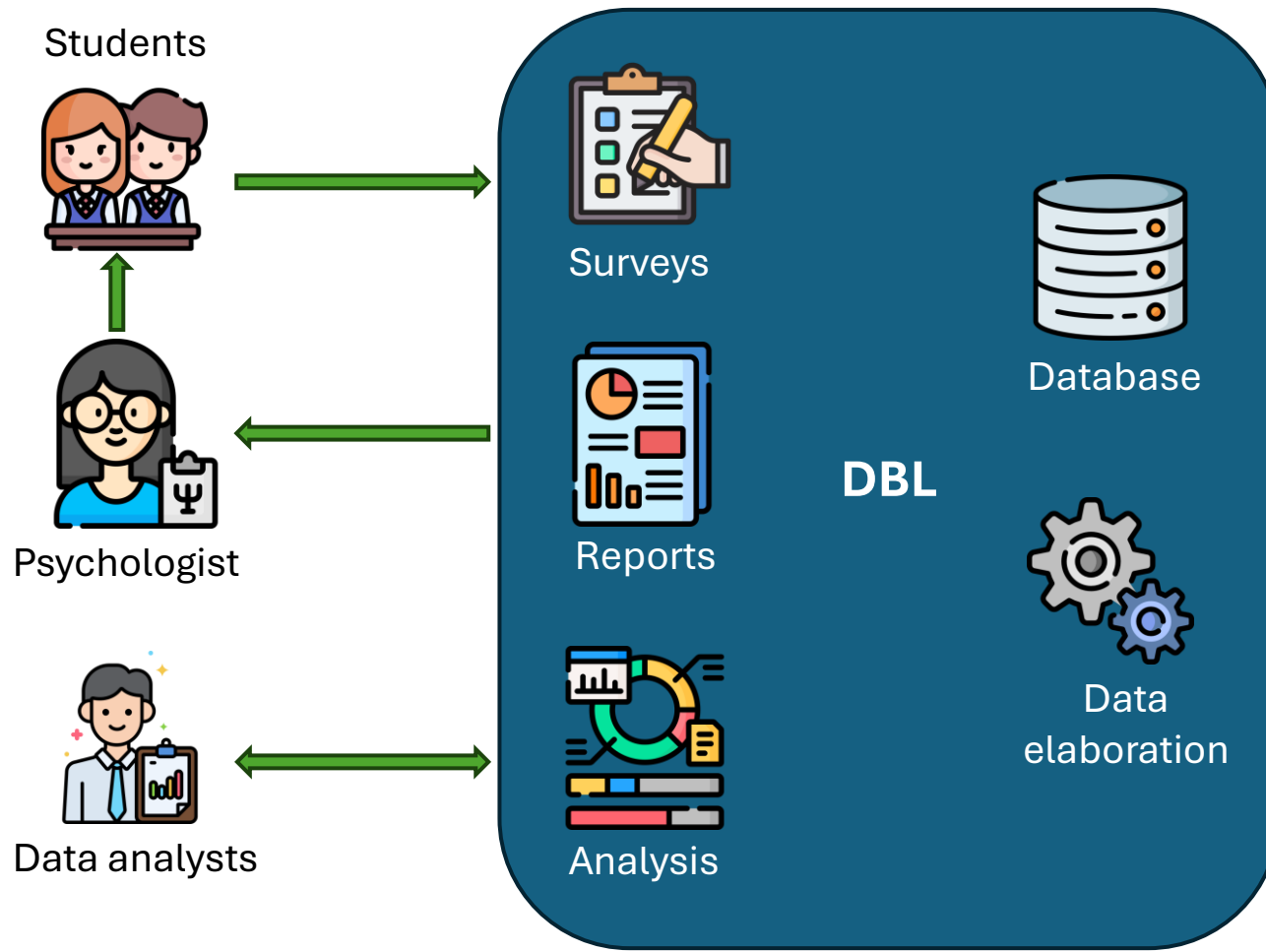
Psychologist

Report

Analysis

Data analysts

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Proposed Solution

- Faster process

- No compatibility problems

- More privacy for the students

- High scalability

DBL

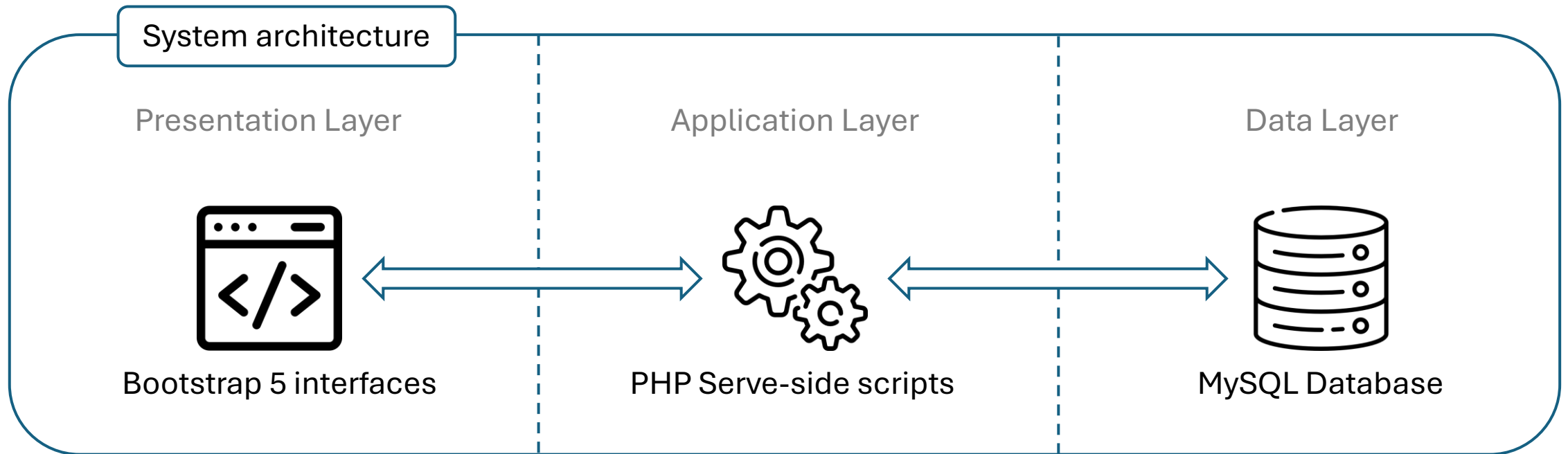📅 1st module deployed In September 2024

🖥 Hosted on PoliMi's servers

System architecture

Presentation Layer	Application Layer	Data Layer
Bootstrap 5 interfaces	PHP Serve-side scripts	MySQL Database

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

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

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Thank you for your attention

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