

Documentation for the assignment of Learning By Doing II

1. Defined classes for the project:

```
def get attendance status() -> str:
def get late minutes() -> int:
def get day() -> str:
def get_status(self) -> str:
def set late minutes(latemin: int) -> None:
def set day(day: str) -> None:
assessment type: str
grade: int
weight: float
```



```
def get type() -> str:
def set_type(assessment_type: str) -> None:
def set grade(grade: int) -> None:
group: str
subjects: list[Subject]
assessments: dict[subject id: int, list[Assessment]]
def add subject(subject: Subject) -> None:
def add attendance(subject: Union[str, int], total minutes: int,
def modify assessement by id(subject: Union[str, int], assessment id:
```



```
def remove assessment(subject: Union[str, int], assessment id: int) ->
def add subject grades(subject: Union[str, int], assessment type: str,
def final grade() -> float:
def print info() -> None:
def get_student_name() -> str:
def get group() -> str:
def get id() -> int:
def get attendance day(subject name, day) -> None:
def set group(newGroup) -> None:
weights: dict[assessment type: str, float]
participants: list[Student]
def remove student(student: Student) -> None:
```



```
def add assessment(assessment type: str, grades: list[int]) -> None:
   def change weights (assessment type: str, new weight: int) -> None:
    def remove assessment(assessment id: int) -> None:
    def print info(self) -> None:
    def get subject name() -> str:
    def get student by id(id: int) -> Student:
    def set subject name(new name: str) -> None:
    def set rates(status: str, rate: float) -> None:
  2. Additional functions:
def id gen() -> int:
def get subject id by label(subject name: str) -> int:
def get subject by id(subject id: int) -> Subject:
```



3. A general idea of the project:

- Visualization of the code's main components











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