Topic

- **This document is based on the evaluation transcript.**
  Since it was much like a huge brainstorm, it was lacking some structure although we manage to follow our plan and most of the topic identified in the evaluation plan were covered.
  The information is progressively transferred form this document to the evaluation protocol "text with a yellow background".
  This is a work in progress but for the purpose of the assignment 5 of the HCI course we have reached the goal.
  The next step foreseen will be to populate the rules with some more constraints as evoked during the interviews.
- **No phrase, some french with unconfirmed translation, embryonic structuring: this is an overview of the content of this document**
- Constraints / Rules
  - What if no solution -> manage conflict / relax constraints
  - Avoid cyclic constraints
  - time
    - min n days interval
    - max n days interval
    - No Big Gap for multiple time-slot in a row
  - Type
    - Mandatory (100%)
    - Optional (%)
    - weight rules
    - positive Yes - Allow
    - negative No - Deny
  - Hard Tag
    - Max 2hour in a row (learning weight)
    - Not to be followed by another Hard Tag
  - space
    - same floor (handicap)
  - Coordination between course / project
  - A relation with B
    - A and B
      - need all
    - A xor B
      - need one
  - Sequence of course
    - A-B-C
    - A-B // C-D
    - A-B......C-D
- Teacher
  - 2 teachers -> single activity
  - min time
  - max time
  - few hours -> do it on single day
  - Half day free guaranteed
  - Permanence
  - Preferred topic
  - Teacher pool
  - Emergency teacher / Substitute
- Student
- Student & Teacher
  - min hour/day
  - max hour/day
  - max gap per day
    - Max gap / week
    - Max gap / day
- Time-slot
  - start sooner/later
  - finish later/sooner
  - preferred start time
  - forbidden time-slot
  - fixed day for course (swim)
  - Basic unit same size for every slot
  - External Events
  - Stage
    Lunch Time

Topic

- Lunch Time
- Catching up (Rattrapage)
- Exams
- "Etude" -> shared classroom
- Manage a day for Class Council
- Not working day
- Off-day
- Period / quarter / semester
- TimePrefs
  - Forbidden (hard constraints)
  - Not preferred (Soft constraints)
- Class
  - Splitting Threshold (Seuil de dédoublement)
  - Max / class
  - Classroom capacities
  - Unassigned
  - No students applying for that course
  - Religion
  - Prerequisite
- ClassRoom classification
  - Multiple site
  - max / classroom
  - Swimming pool 1w out of 2
  - Wide classroom for out of building course
  - if 2/3 of seat unused -> OK else use another classroom
  - Capacity
  - Large room assigned first
  - Lunch time - canteen staggered (échelonné)
- Daily view
  - Student
  - Teacher
  - ClassRoom
- Miscellaneous
  - Activities/Events
    - Activities can be met, or disjunctions (réunies, ou disjointe)
    - Student
      - group of
    - Teacher
      - pool of
    - Course
    - Duration
      - TimeSlot
        - fix/flexible
    - (classroom)
      - pool of
  - Need a screen when frozen due to computation
    - allow to freeze in progress computation
  - Back-office
    - Usher ? (Appariteur)
    - Cleaner
    - Open close class
  - Daily change (punctual)
  - Swap Alloc
  - Management
    - Distributed
      - Each area has its own manager (multi-site school)
  - Penalty
    - Room
    - Period