



Meeting report

December 2018

Contents

General Information:.....	3
Purpose of the meeting:	4
Asked questions:.....	4
Important discussion points:.....	5
Recommended actions:.....	7
Conclusion:.....	7

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Subject: 1st meeting with our client.

Date: 12/20/2018. Time: 10h – 11:20h

Place: IBN Khaldoun University, Computer science department.

Present members:

- Dr. TALBI: The client of our project and the final user.
- Younes Charfaoui: Project manager.
- Ismail Bourbai: Web developer.
- Houari Zegai: Java developer.
- Nour El Imane Nadjem: Android developer.
- Malika Madene: Android developer.

Absent members:

No One

Invited persons:

Dr. Merrati Medjeded.

Purpose of the meeting:

Our first meeting was consecrated to extract requirements from the client, in order to define what the system must do. To reach this goal, we've asked many questions.

Asked questions:

- Who are the actors of our BI system?
- Who are the actors for mobile app and Desktop app?
- What have been done to solve this problem before?
- How you define success of a student?
- How would you describe the process (Scenario)?
- Would you give us examples?

Important discussion points:

Point 1: the actors

We discussed that there are three actors of our BI:

- Student: for example, wants to know her position between their colleagues, and will use the mobile platform.
- Teacher: who will identify the success/ fail causes to each student so as to make decisions.
- Academy: observe the course of the formation and make decisions about (ex: change the timetable).

Both of Teacher and Academy will use the Desktop platform.

Point 2: Previous solution of the problem

The problem which we are in process to treat it, has been solved but only with sociological methods, these methods are based on statistics. Our challenge is using data mining.

Point 3: analysis types

In this point, we talked that there are 4 type of analysis given to the student:

- Descriptive
- Diagnostic
- Predictive
- Prescriptive

Point 4: academic success

The academic success may have different causes, and several elements which influence. We have mentioned:

- Sociodemographics profile (gender, nationality, parent's profession...).
- The school path (baccalaureate degree, school delay...)
- Study practices (absences in courses, the personal time spent working...).
- Living conditions (housing mode, health condition ...).

And after these criteria will be classed according to the most determining of success.

Recommended actions:

- Use forms which contains questions to ask students in order to get more data.
- Use data augmentation.

Next meeting: Not decided yet.

Conclusion:

It must be remembered that this meeting analysis is limited: a greater depth of understanding and evaluation can only occur with the use of other resources, more meeting and prototyping but at this moment we can say that 80% of the ideas has reveal and we can start doing something interesting.