

**Master Science and
Technology IM2AG Mention
GICAO – English report**

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I / Introduction :

As part of M2, we have to validate a level of English words B2. To do so we follow an English nuts during which we will validate our level note taking and oral expression (writing having been evaluated in M1).

Durant course we worked our speaking skills by practicing different oral exercises and our taking notes while working on videos.

The evaluation being performed by an oral presentation, two tests on note taking and report here.

II / Assignments :

Assignment 1 : Speed Dating

During this course, we have done a speed dating. Talking to each other about different subjects and discover the people in front of us (as in a real meeting but with the sentimental side less). The purpose was to ask question the person in front of us and then finish by “building” the different profiles.

I had the chance to speak to Nassim, Daniel and Jerome.

I will compare Nassim and Daniel :

Nassim is older than Daniel, the two are not born in France and both have a big family. Nassim have four sisters and one brother and Daniel have 2 sisters and one brother. It is therefore of two great families but the girls won by the number.

For the artistic domain, Nassim is a guitarist, he plays rock music. Daniel also likes music. In the end the only area or the two are actually different is sport. Nassim play football while Daniel prefers to concentrate on more creative activities as the creation of a video game.

Here are two very nice friends who want to find work in France and I would be happy to see them again after the completion of studies.

Group description :

After these glimpses we lingered over who was the youngest or the oldest or the most athletic. In short we compared with the other one.

The youngest is Daniel, he is born in August 1993. Daniel is the most artistic. All of us have its own specificities but some things are found from one to the other.

No one here is only child, all of us have at least one brother or sister. The majority is men and we are all working in the field of computing. Most of us are sporty, those who do not have an artistique side. But we all get along well and it would all mean to me.

Assignment 2 : Movie presentation (mind map)

Vital Radio (Daniel & Damien)

Vital radio is a smart home monitor who catches our vital signs and her body language. This is a new technology based on the idea of wifi. This is actually a sensor able to retrieve real-time data and act accordingly. Typically when a person is sad, the device is able to launch music to cheer the person. But it could also be used for medical, watch as an elderly person or a person living alone has its home and thus is able to intervene if necessary.

This device is therefore of great interest but is not it an intrusion into people's private lives?

How people can broadcast radio (Nassim & Christopher)

Nassim and Christopher have presented us an African group who had an ingenious idea. They had with an antenna, a phone and some metal parts able to build their own radio. This seems basic, but for some marginal regions of this continent, it brings much. Access to education, communication, information and another that is certainly forgotten.

Unfortunately the day of the presentation, one of two binomial missing and presentation was much less explanation provided by the subject.

3D Face Modeling (Henry & Sabine)

3D facial modeling technique presented is a new technology presents to the University of Washington. This method works through a set of images and software that they have developed. The big news is that now you can give pictures of anyone, even some images found on the internet. It is therefore possible to "rebuild" anyone from anywhere.

This allows to "giving back" to life some dead people but uses this kind of software they will always beneficial ?

Assignment 3 : Body language & Movie presentation

Jorge Soto : The future of early cancer detection

Along with a crew of technologists and scientists, Jorge Soto is developing a simple, noninvasive, open-source test that looks for early signs of multiple forms of cancer. Onstage at TED Global 2014, he demonstrates a working prototype of the mobile platform for the first time.

Formerly the detection of cancer could take more than six months and be tiring for the patient. With the presented method, the detection is done in minutes.

Indeed cancers each is built around specific molecules and test with some very basic and simple Smartphone with the scientific their methods are able to detect cancer. They use small "traps" has molecules responsive to becoming fluorescent and indicates the presence of cancerous molecules. This method seems revolutionary.

Ka-Ping Yee : Electronic Voting “in the vote we trust”

The second video studied today the talk of a new electronic voting system, not really the system but rather the code associated with the counting of votes.

It seemed odd, but the counting of votes by a machine may not be accurate and purpose of the researchers who worked on this project was to leave the existing system (Pvote), to study the code (more than 220 000 lines codes) and create their sytem. It took them two years but the result presented sembalit conclusive.

Assignment 4 : Oral Presentation

During the presentation I was sick and I have therefore been very difficult to follow, but I will try to present three presentations:

Damien : Independent games

Damien presented to us a future project. Indeed it would go into the design of independent games but as he said himself it is a very hard field to conquer.

During his presentation, Damien introduced us to what an independent game studio and quickly how it was being built. We talk about what he wanted to introduce his game and its different inspiration.

I think this is the one big project, I greatly encouraged. But I would advise him to work in the field rather than build it completely alone.

Daniel : Dendy Story

Daniel introduced us to his personal project. The purpose of it is to create their own video game whose main character is Dendy. Dendy is a small elephant at the base was an icon more than a hero.

During the presentation we were able to discover the different versions of the game built by Daniel and a small demonstration of an older version. Although recess Daniel decided to include snapshots of video games with the damsel in distress and very bad villain.

I find her very nice project and I wish him to finish it.

Henry : My 3D engine

The last presentation I will talk about is that of Henry, he introduced us to a finished project (the only day that matter). The aim of the project was to build a 3D engine and personally I admire it because it's something very complicated.

We presented to the different steps he made in the course of the project and the various difficulties. His main difficulty was rasterization because it wanted its fully optimized 3D engine.

This was the ambitious project and I congratulated the result.

III / Conclusion :

In conclusion we all enjoyed the course and have all made efforts to work as correctly as possible.

The exercises that we practiced are, to me, very formative and allowed us to produce results quite ok for our presentation.

I also want to thank our teacher Mrs. Gardner for her work with us.

IV / Vocabulary

Word	Part of speech	Stress	Definition	Translation	Comment
ankle	noun	/ˈæŋkl/	joint where leg meets foot	cheville	
betrothed	verb	/biˈtrəʊð/	to promise in marriage	fiancé, promi	
dwarf	noun	/dwo:f/	an animal, plant or person much smaller than normal.	nain	
flaw	noun	/flo:/	a fault; something which makes something not perfect	un défaut	
Gamble	verb	/ˈgæmbl/	to play at a game of chance for money or other stakes	parier	
handsome	adjectif	/ˈhænsəm/	(usually of men) good-looking	beau	
household	noun	ˈhous,(h)öld	a person who is paid to help with menial tasks such as cleaning.	un domestique	
in retrospect	verbal expression	/ˈret.rə.spekt/	thinking now about something in the past:	après reflexion	
injuries	noun	/ˈɪndʒəri/	harm, damage, or wrong done or suffered	blessures	
loan	noun	/loʊn/	the act of lending:	prêt (argent)	
mark	noun	/mɑ:k/	an indication or sign of a particular thing	une marque / note	
nephew	noun	/ˈnɛfyu/	a son of one's brother or sister.	neveu	
pattern	noun	/ˈpætən/	a repeated decoration or design on material etc	un motif	
peak	noun	/pi:k/	the highest, greatest, busiest etc point, time etc	le sommet	
pointed at	verb		to call attention to something especially by stretching the indexfinger in its direction	pointer	
sink	verb	/sɪŋk/	to (cause to) go down below the surface of water etc	couler	
taunt	verb	/tɔnt, tant/	to make fun of or insult, often to get someone to do something	provoquer	
to juggle	transitive verb	/ˈdʒʌgl/	to keep throwing in the air and catching a number of objects	jongler	
tremendous	adverbe	/trəˈmendəs/	very large; very great	enormement	
used to do	verbal expression	/ju:st/	accustomed to	habitué à	
Weigh training	noun	/wei/ /treɪn/		musculature	

wind	verb	/waɪnd/	to wrap round in coils	enrouler	
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