**VB037 Final Essay Draft Consultations**

**Saeed Mirzaei 454064**

* Global warming threats to the economy in the US
  + Exiting Paris Agreement beneficial economically, not environmental
* **Send email by Friday noon; specify topic and focus**

**Kyrpychov Dmytro 468619**

* **NO SHOW**

**Pedro Lopez 471122**

Differences between high schools and universities

* **Cost -> the main topic; Mexican education system (plus Czech Rep.???)**
  + **Cost differences of attending high schools and universities in Mexico**
    - Tuition (for uni -> small fee; private (often a starting point)
    - Books and supplies (high school – free/cheap; uni – purchase)
    - High schools -> small transportation fee; unis -> move, renting flat
  + **Crime Challenges -> comparison of attending university in Mexico (and the Czech Republic) => TOPIC** 
    - **= a unique challenge to university students**
    - Sources crime statistics; crime statics per capita
    - Comparison of large cities and large universities

References -> official sources (government sources, university sources)

**Tuan Hung Vu 468655**

**SEO** – search engine optimization and social marketing

* **SEO important, but not everything in modern marketing** 
  + SEO and social marketing may play the most important role in the future, but not now
* Unclear topic: **Future developments of search engine optimization in social marketing** –OR—alternatives to search engine optimization???

**Veronika Martošová 410215**

Two suggestions:

1. autonomous cars and metropolitan areas (AND ecology, future visions, ownership, …)
2. current state
   1. trend of ownership ->
   2. cars used for commuting/family holidays/hobby
      1. autonomous cars for commuting -> change of ownership
         1. shared cars, predefined networks, carpooling
3. -> impact on ecology
   1. Less cars
   2. Safer environment
   3. Cleaner environment (electric cars) \
4. Current challenges -> safe as their surroundings
   1. Smart roads
   2. Recognizing new/changing obstacles
   3. Sensitive to weather conditions
   4. SAFETY???
5. **brain computer interfaces – current status and future research/challenges**
6. human-comp interaction (overview; history…)
   1. new fields in H-C I
7. why these machines are amazing
   1. control computer with your mind
   2. BUT lots of research must be done (not just tech or comp sci, but also psychology)
      1. Biocompatibility

* EASIER TO FIND SOURCES for 2) -> **2) better**

**Yevhenii Babichenko 468589**

* IT – embedded systems?
  + Future development?
    - Applications of systems?
      * Developers?
  + **Automotive systems – the focus** 
    - Sensors, navigation, driver assistance
    - **Challenges: energy efficiency but also powerful enough**
      * **Driverless systems?** 
        + First step to self-driving cars
    - Focus -> **challenges to automotive systems (incorporate driverless systems**)
* **Send email by Friday noon; specify topic and focus**

**Katarina Hrabovska 396210**

**Systematic Literature Review of Existing Testing Standards = the topic**

**= overview ->**

* **Frequency of use**
* **Use in a given field**
* Testing software – a set of rules

How Lit Review can be used for searching Different Testing Standards

1. SLR, its steps.
2. Application of SLR

Add overview of regular testing procedure?

Sources

**Iva Milošová 348294**

**Topic: Yoga – incorporating asthanga-vinyiasa yoga into daily life**

-> physical and mental benefits **(focus only on physical OR mental?)**

- has a few series, these have strict rules (need to be done regularly)

- results people have achieved with yoga?

-> downfalls

- some poses cannot be done in the same way as others do them -> need adjustment (hypermobility)

- injuries

1st part -> overview of a-v yoga principles, risks

* Overview of other yoga schools/approaches

2nd part -> implementing it

* Intentions in yoga, limitations, daily practices,

The most important part – do yoga correctly; (not some “weird” courses)