ANALYSIS AND DEVELOPMENT PROJECT

SEMESTER 3 - 6ECTS

howest
university of applied sciences

ANALYSIS AND DEVELOPMENT PROJECT

Course unit description on Leho

https://leho-howest.instructure.com/courses/29016

GROUP ASSIGNMENT

Hurray!

Groups of 5-6 students

Mixture of different profiles

Changing groups is not possible

More on groups later in this presentation

THE YEAR IS
2084

WHAT HAPPENED?

Since 2050: colonisation on Mars

In 2064: the Apocalypse on Earth

Since 2068: start to rebuild

Today (2084): return to the 1st Colony - ADRIA

The Entry Station

THE OTHER COLONIES

FUTURE:
POPULATION EXPANTION

YOUR CHALLENGE

Build an Adria's startup centered around a **single launch product** which will lead to a better life on Adria (and the other colonies).

SPECIFIC DOMAIN

Each group will be assigned to a domain. This domain will be your focus.

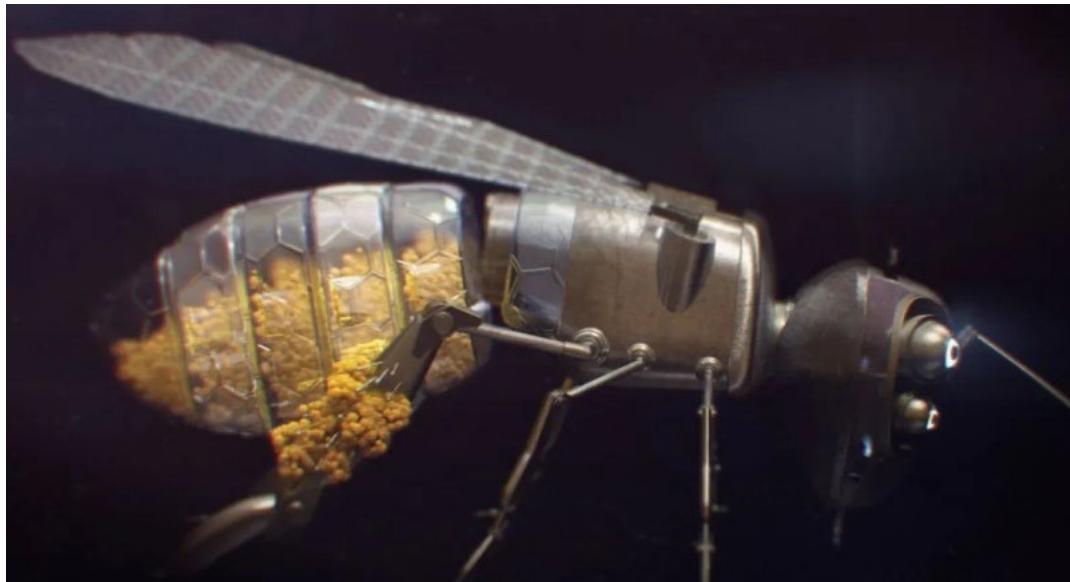|		
1. Education & development	2. Smart living & families	3. Active culture & fun
4. Next-gen mobility	5. Healthy living	6. The green planet
7. Safe communities	8. Food	9. Resilient economy

DELIVERABLES

WE EXPECT

A full-fledged **concept**, including all documentation, technical analysis and a POC of the software system

PURPOSE

Your concept needs to **convince investors** to choose your project out of a lineup of competitors (Dragons' Den)

WHAT DOES THAT LOOK LIKE IN DELIVERABLES?

○ D1: Business Case including financial analysis   15%

○ D2: Project Website   5%

○ D3: Analysis document   20%

○ D4: Client/server knowledge quiz/exam   20%

○ D5: POC   25%

○ D6: Project work, peer evaluations and retrospections   5%

○ D7: Presentation for investors jury   10%

**Omission of a single deliverable will result in
a failing score for the entire module!**

ALL DETAILED INFORMATION

Check the briefing document for in depth-details on each deliverable

https://ad-project.technet.howest.be/

PLANNING FIRST WEEKS

Focus on learning client technology (Vue.js), server code and analysis phase.

Deadlines:

○ Alpha version business case and analysis document   31/10/2025
○ Partial exam client and server   3/11/2025

TO DO

TO DO LIST FOR TODAY (Sep 23rd, 2025)

- Read the complete Project Document (mandatory!)
- If not yet done
  - find & meet your team members
  - create the Teams chat, post a groups photo and invite your group mentors
- Attend this afternoon input session (starts at 1:30pm): "Idea generation and website"
- Prepare your pitch for next week

QUESTIONS?