Building games with a purpose

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serious games

- games with goals beyond just entertainment
- which goals/domains?
 - information
 - education
 - professional training
 - health
 - management
 - social/political
 - commercial

• ...



serious games

- games with goals beyond just entertainment
- does it always work?!
 - **NO!!!**
 - watch out for *overstuffed* edutainment, gamification, anything without effort,...



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- campus-wide MSc course offered at TU Delft
- assignments commissioned by external company/end-user
- students with varying talents, backgrounds and perspectives
- do what none could do alone:
 design and implement a serious game prototype,
 aimed at some application in a real-world setting



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- work as a small game studio: lead programmer, designer, artist, producer, gameplay testing, audio...
- deploy whatever game technology needed
- solve technical challenges
 while watching over fundamental requirements
- always report to commissioner



specific course highlights

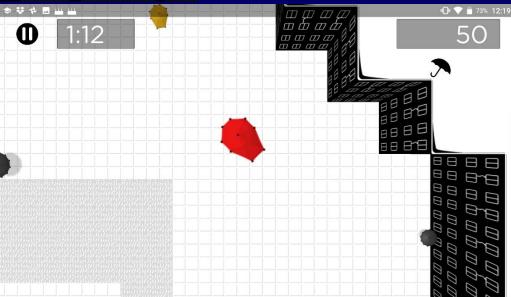
- particular accent on team and soft skills:
 - roles and responsibilities
 - collaboration and proactivity
 - psychologic safety
 - communication
- interdisciplinarity as an enabler and a strong catalyst
- paper submission to SG-related conference



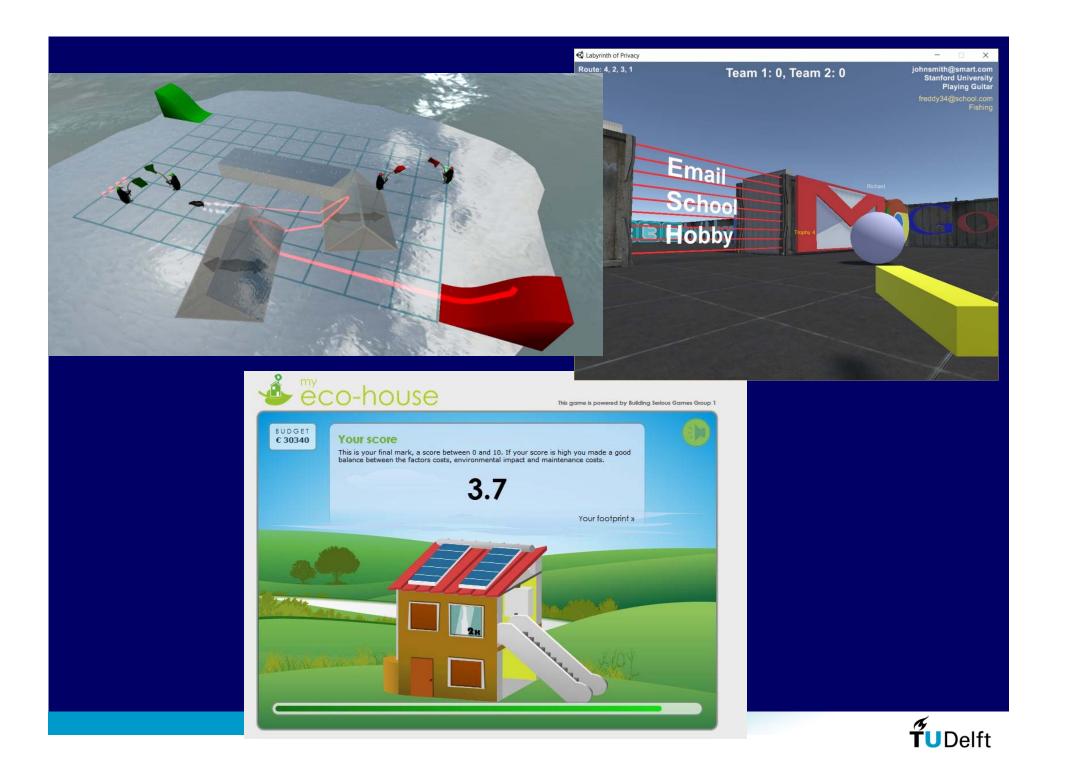
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conclusion

- building serious games provides a unique setting for our students:
 - solution to a real-world problem
 - interdisciplinary experience
 - soft skills
 - possibility to present their work internationally

S0....

• send us your MSc students...
...and possibly also your assignment...!





summary and information

- IN4302TU Building serious games
- MSc course, Q2, (5 ECTS)
- team size 5-6 students (from <u>any</u> faculty or study program)
- >1.5 days/week (intense schedule with deliverables)
- specific guidelines for commissioners (assignments, commitment, IP, etc...)

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bibliography

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 pioneer games project to the next level. Proceedings of the 3rd Annual
 Academic Days on Game Development in Computer Science Education, pp.11-15
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