

Digitisation of hiking routes in Durban

A student project between South African (DUT) and German (HM) students using the technology platform Outdooractive (OA)

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Situation

- Important **partnership** between DUT and HM
- **Unbalanced** student exchange
- COIL courses are an **important tool** to gain international experience @home
- COIL courses are **time-consuming** to organize - low motivation of the faculty to implement them

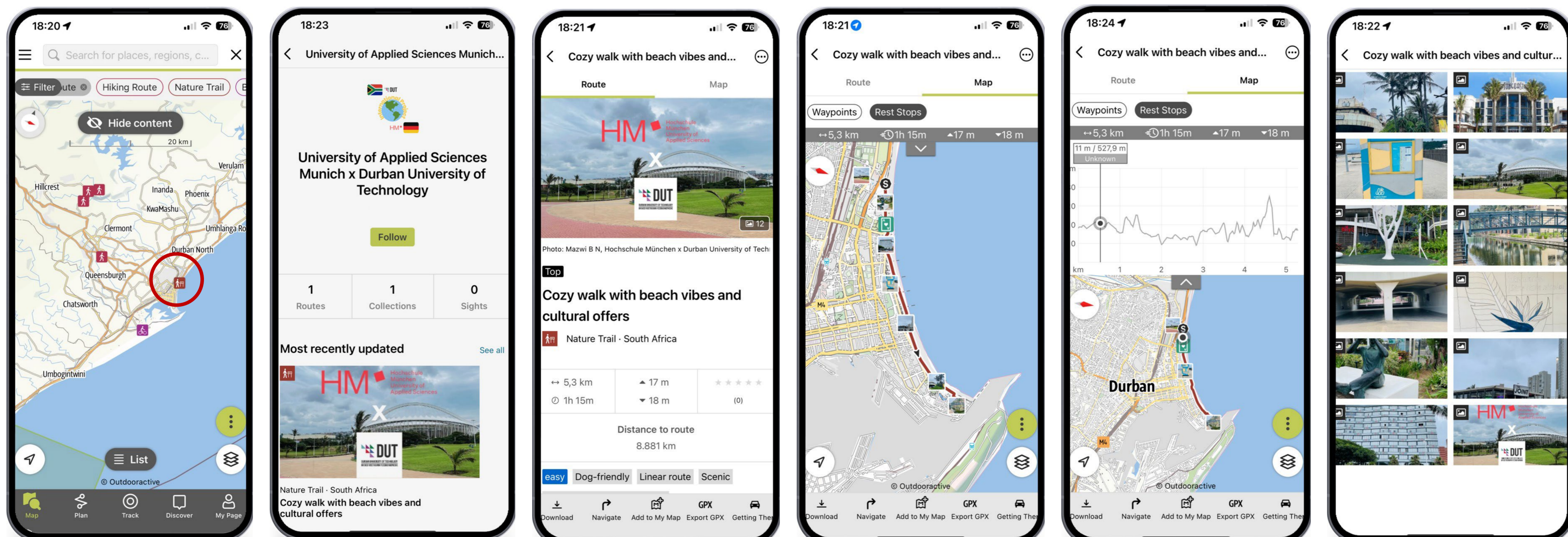
Goals

- **Foster motivation:** Implementation of a first lean COIL prototype between DUT & HM
- **Learning:** Identifying critical points for a COIL course
- **Testing:** Collaboration with digital industry in a COIL Course

Project

- **Task for the students given by industry partner Outdooractive:**
 - a) **Selection** of a route to be digitised from a tourism and entrepreneurial point of view
 - b) **Digitalisation** of the route on site including the creation of image material with the app Outdooractive
 - c) **Post-processing** of the digital route in the Outdooractive business module
- **Division of tasks between students:**
 - a) **DUT students:** Local & entrepreneurial expertise
 - b) **HM students:** Tourism & marketing expertise
- **Organisation:** Students communicate via WhatsApp & Zoom and organise the project independently with minimal influence from the lecturers

Results



Main Learnings - Conclusions

- **Strong partnerships** on a personal level between participating lecturers are crucial for success (overcoming difficulties, open communication)
- Students must have good **communication skills** and be able to recognise cultural and situational **differences**
- **Time zone and language** (English) uncritical between South African and German universities and with positive effect for the implementation of COIL courses
- **No** special COIL course necessary. Use of existing courses with the following features to motivate students and not endanger teamwork: Identical **performance requirements** & identical **assessments** (timing, type, scope)
- As exact as possible **definition of the task** and the required **quality** of the result
- **Digital and non-digital equipment** critical (hardware, electricity, internet connection, internet costs, reimbursement of costs)

References

- Rubin, J. (2017): Embedding collaborative online international learning (COIL) at higher education institutions: An evolutionary overview with exemplars, in: Internationalisation of Higher Education: A handbook, pp. 27 - 44
 Rubin, J. (2015): Faculty guide for collaborative online international learning course development, SUNY Global Center, V. 1.4