# STUDENT PROJECTS – SMART STUDY SPACES LIBRARY – April 2023

**PROJECT : Sensor data & optimalization of study spaces in the UT-Library**

**TIME** : Spring 2023 and beyond

**WHERE** : UT-Library

**OBJECTIVE** : optimise use of Library space with use of sensor technology

**MEANS** : sensor technology, platform, user interface, communication technologies and strategies.

**FORMAT** : Multiple options available: Individual, groups small or large, short or long, intensive or spread over time, mono-disciplinary or multi-disciplinary, design or implementation, etcetera.

**CONTEXT** : the UT Library becomes a more popular place to study, over the years. Unfortunately this results in unnecessary movement in study areas during intensive exam periods by students looking for a place only to find out there is no study place available anymore. So, the Library together with DSI invested in a set of movement sensors. Part of these sensors have already arrived and are already installed, others aren't yet. The question is which sensors give the most accurate data for different study places (individual, project room, group areas etc). And how to communicate the ('live')data in with students (which platform, which data is useful and reliable). As DSI and LISA we are looking forward to finding answers to these questions together with the students!