Concept

Improve study performance and efficiency amongst students, by creating a personalised map based on their focus pattern in relation to time and space.
Prototype

Works like: Map and visualize concentration levels in relation to study location.

Feels like: regular everyday hat, does not look like a tracker

Brain wave → GPS Shield/ Mobile → SD Card → Data Viz → Create study map with calendar events
Prototype
User & Deployment

Primary Audience: Students

Phase 1:
- Wear the prototype and study at different places on campus and communities.
- We would get a GPS log outside and then get brain wave reading inside the building.
- Compare brain data such as attention and meditation based on geolocation and time.
- Visualize the focus patterns in graphs on a study location map.

Phase 2:
- Location recommendations based on data gathered: time, subject, individual
- Evaluate factors that affect our brain wave
- Offer notifications
Future Steps

EVALUATION
User Centric Project

USER TESTING
Test prototype on ourselves first
Test visualization with other students

REFLECTION
Who really needs it
What does the data mean to the individual
Indoor/Outdoor data logging
What is needed to create a better personal experience