

Meeting with the team

Thursday, 9 September 2021 07:49

Hasan, Ahmed, Aleks, Jan, Lukas, Louis, Lars

Student-driven project management with bachelor students from USN.

5 projects which need a max 1 min video pitch performed by the responsible mentor.

— **Easy entry projects:**

1. CalOne: Build a new and better version of todays 1024 calender offer.
 - a. Hi everyone, my name is Lukas and I love my Google Calendar. Now, while it is *possible* to transfer events from other providers into a Google Calendar, it sure isn't always a breeze. Especially recurring events and university classes don't easily populate your personal calendar except with a lot of manual work. This entry level development project requires little prior programming knowledge but a genuine interest in calendars, events, ICS files and some persistance. The goal is to recreate the existing open source 1024 calendar used by students in Trondheim, but to make it better than it currently is — ideally with an easier integration to Google Calendar and other platforms. With clear guidelines and scope of the project as well as access to a big team with top-mentors to help you before you get stuck, this project isn't just feasible, it is going to be a lot of fun. Come work with us!
2. AktivCampus: replicating pameldinger.no boosting its functionality to arrange over 80 events within one week.
 - a. Hi everyone, my name is Ahmed and I like being social! Especially the semester start is full of exciting events organized by universities, student assciations and sports clubs. With today's solutions I quickly lose sight of what really interests me. aktivCampus is an example of over 80 events happening within one week. Creating a solution which provides overview, lets me pick and choose which events I would like to attend lets me buy tickets and add everything into my calendar without any hassle. Join me in creating a custom solution which covers all their organizational needs! If we succeed together, this ultimate event organizing service can scale quickly, nationally and abroad. Since we are basing the development on available open source projects, the group of students does not need much prior knowledge. You can learn on the job. Let's go!
3. NetDashboard: Build a dashboard of delayed payment of work hours spend by students working for Enry based on an Excel mockup.
 - a. Hi everyone, my name is Aleks and I would like to get paid for my work! Unfortunately, many startups don't have the funds to pay their team members from the start. Oftentimes they keep track of worked hours and each team member enters a so-called deferred payment model. Which means you get paid in the future, not now. To make sure I will get paid, I want to create a dashboard for team members to track their work hours and visualize their future payout value. Help me bring more fairness to how startups *not* pay their student employees. I have done some ground work, but I am totally open to show you, and redefine the scope of the project together.

— **Challenging projects:**

1. Enry web-app for NTNUi Padel: Create an additional web-app module within the existing framework
 - a. Hey guys, my name is Meeyad and I am an Enry veteran. Enry started 3 years ago with the vision to motivate people for physical activity. Today, we create scalable, mobile friendly web-apps for student sports clubs, mostly at NTNUi, since we are based in Trondheim. But we would really like to recreate our solution to become accessible for sports all over Norway and other countries. If you already know some programming, maybe have heard about React, Redux and/or Firebase, this more advanced project is for you. I will be your mentor and as a full-stack developer, I will be able to provide you with help wherever you may get stuck. You can do this!
2. Galea: Financial game development based on work done by a previous group of students.
 - a. Hello everyone, my name is Lars and I love finance! Galea is a serious game. A game teaching you how to invest smartly in the stock market. Anyone interested in game development is welcome to join the team. The groundwork has been laid by a student group prior to you guys, so we will help you get going based on their report and source code. We can adjust the scope of this project to your proficiency level. If you are eager and motivated, we can create a working prototype. Let's teach people how to earn money!

Ahmed is recruiting a new person for next week.

Jan: Jobless for 9 days. Quit his job at Equinor.

- Not sure if he is legally in Norway. Needs to check. Comes from EU, no problem.
- Moving forward with mapheim.com (<https://mapheim.com/sphere/0.31631771516998053>)
 - Put everything on a map.
 - Profile functionality like Instagram.
 - Group moments in sets (based on a holiday trip)
 - Filter functionalities
- Profiles only show stuff put on the map by that specific person.
- The more people that add stuff, the map will be crowded. Filter most likes, and only show what your friends posted.
- Trondheim.io is secured.
- Business offering of drone shots with highlights/markers.
- Maps to put content on the map which is interactive for Zoos, etc...
- Using GraphQL in addition to React to get instant reactions to cliks and changes (uses the Cache actively). Using MongoDB and Node.js in the backend.
- Using Mapbox with a lot of customization possibilities but expensive for each reload of the map. Might be changed to a different solution: Leaflet + Open State Maps.
- Drone shots would be amazing for new students to find out where they should live (in Sit buildings)
- Even more scalable campus overviews with booked group rooms, lectures, events, etc...
- Jan will stay for at least 4 months, maybe up to 8 month, depending on money left. Depends also on how Mapheim works.