

IDP Project: Automated report for improving blood cancer diagnostics

We are [hema.to](#): a Munich-based startup striving to improve Leukemia Diagnostics with the help of Artificial Intelligence.

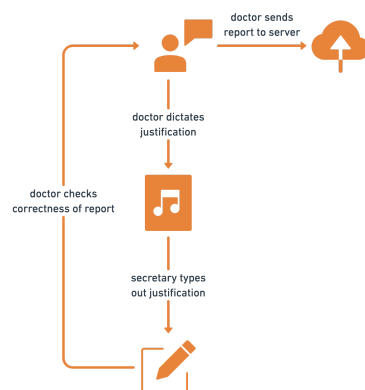
Today, doctors are missing the software for personalized diagnostics, prognostics and treatment planning of blood cancer. The accurate measurements needed for this precision medicine are already a part of routine practice, but widely unused for several reasons: doctors are often lacking time, knowledge, and a comprehensive view of patient data across time. There are about 1.24M new yearly blood cancer cases worldwide and a misdiagnosis rate of about 2.7%, i.e. over 33k misdiagnoses — and suboptimal treatments — every year.



The [hema.to](#) founder team. Also check out our [complete all-star team](#).

Current workflow: superfluous touch-points and room for error.

- 🕒 Takes 3-20 minutes per patient
- 🗣️ Doctor-secretary interface can introduce miscommunication
- ✍️ Manual typing introduces human error



Novel workflow: a single touch-point and less room for error.

- ✅ Goal: < 1 minute report
- ✅ No possibility for miscommunication
- ✅ No possibility of typos



[hema.to](#) addresses these issues by developing and providing a software service for automated and reliable diagnoses and prognoses within seconds. In a trial with four centers, we demonstrated quality improvements of 15%. We're not stopping there though: *our mission is to reduce diagnostic variability by 10x.*

One example is the essential step of writing a high-quality diagnostic report. To date, doctors write this up in a very manual fashion, costing them valuable time and introducing the possibility for human error. In this project, you'll build (the first version of) a feature to generate such a diagnostic report in a highly streamlined fashion.

In this IDP, you get to build this important feature, from prototyping to productionizing!



Go ahead and [schedule a videocall with Karsten](#) (01772390536, karsten@hema.to)!



A first mock of the feature you'd be building with your own product team. Making a letter should get easier, faster and better with every usage of the product.

What you bring to the table

- depending on your preferred role:
 - front-end: you are competent with JavaScript and/or React
 - back-end: you are competent with Python (multiple years of experience)
 - PO: you have experience with managing projects, building product or similar. As PO for an innovative MedTech product, you must be capable of leading the team to deliver quality, a great user experience *and* rapid development!
- a personal connection to oncology and/or MedTech is not a must, but a definite plus

What we offer

- a highly motivated and friendly team working on a top-of-the-line tech stack
- significance: blood cancer diagnostics with a positive impact for potentially a million people every year
- a beautiful office in a historic building in München Schwabing including a top espresso machine
- hybrid work (1 office day per week desirable) and the opportunity of a long-term cooperation
- regular team lunches

How to apply

Simple: Just schedule a call with Karsten [here](#) (please add your LinkedIn or resume during the call booking).