For my research topic, I picked the research area “industry”.

With my working experience, I noticed that as programmers we never have enough monitors to work on, and we are so busy that we do not check our phones regularly.

While busy with meetings, the owner often finds bugs in our system. This causes him to call one of us or send a message via WhatsApp or Slack. We as programmers do not have the time to check on all messaging platforms.

We often respond way too late to his message or never read it. This can cause us to miss extremely important information.

My solution is to create a tool that allows the whole office (or a team) to share one screen that is placed so everyone can see it. This allows them to keep themselves up to date with what needs to be done and important messages to reach the whole office.

The owner will then be able to change our sprint to focus on more important things or just post a sticky note on what needs to change or if someone needs to look into something.

First, I will focus on the agile methodology, which allows me to see what is important to a team sprint and reduce redundant data because you want to quickly scan the board to be up to date. This can also be achieved by pragmatic case studies, like an interview, workshopping, and setting up questionaries for the people that I work with (the end-users).

I will create a web application so that you only need a Raspberry Pi to run the application. This will make it easy and cheap to access and use. This will also make it possible for you to open the application on your device if you want to.

This will improve work performance as the team will constantly be up to date on what everyone is doing and if something important needs to be done. This will also reduce the time spent looking at your phone or having an external application open on your laptop.