REPORT: SPRINT 1

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Group 2

Table of contents

1 Overview

This sprint was an exceptional one. It had a duration of only one week and we spent most of our time setting up our project management systems. In the next paragraph, you can find the review of this first sprint. Here we explained what we did during this period. In the second paragraph, you can see the result of our retrospective.

2 Sprint review

2.1 Refining scope

The first thing we did this sprint was discussing the remarks we got during our presentation. We decided that our product will be monitoring constantly and that we'll include a record option. In this way, the user can decide if he wants to save a certain period. This can come in handy when he's not feeling well and want to save his data to show to a doctor later.

We also narrowed down the scope of our product. We did some research and concluded that we will be monitoring for arrhythmias. This is a phenomenon that occurs when the electric impulses coordinating the heart aren't functioning properly, causing the heart to beat too slow of too fast.

2.2 Setting up project

The next thing we did was setting up our project management tools. We chose to use Discord as our main communication channel and GitHub Project as the tool to manage our project.

2.2.1 Communication: Discord

We creating different channels for each sort of communication in Discord. Each channels has its own specific topic. In this manner, we'll keep the communicating clear and easy to navigate. Here you can find a screenshot:
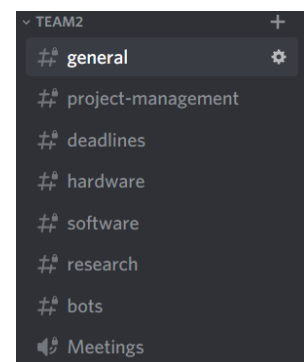
2.2.2 Project Management: GitHub

For managing our project we chose GitHub Project. Here we'll keep track of our progress, organize our user stories in the backlog and plan and execute sprints. In the next screenshot, you can see how our backlog and workflow is looking right now. You can also find our project tab in our team in Teams (team2, see channels).
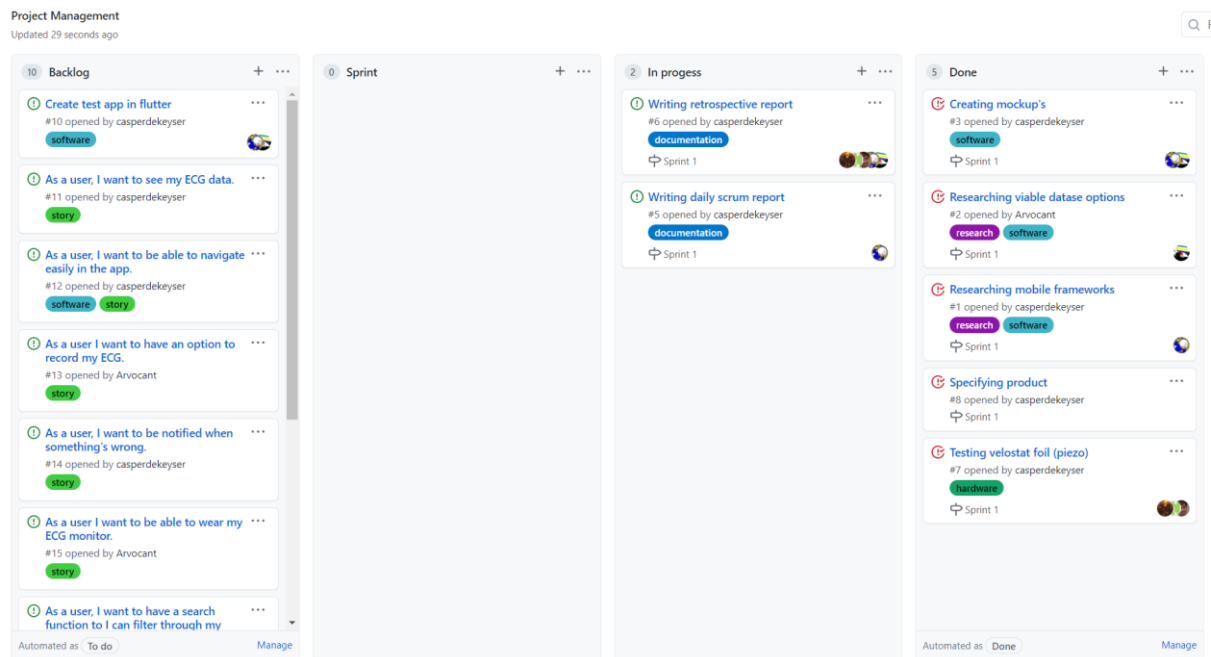
2.3 Research and testing

Another think we really needed to get done this sprint, was deciding the technologies we'll use in this project. For developing our app, we chose for Flutter. We did some research online as well as looking at some video's on YouTube about the pros and cons of each framework, and we landed on Flutter. For our database, we will probably use Firebase, as it is often used together with Flutter.

On the other hand, the students in Finland did some test with the hardware they were planning to use. They investigated the velostat foil they were going to use for making the wearable device itself.

2.4 Mockup's

Finally, we also drew some basic mockup's of what we had in mind about our app. We created some basic wireframes in Balsamiq. These are the first versions of our view, so they will probably undergo some changes, but now we already have a broad idea. You can find some of our mockup's in our GitHub repo via this link.

3 Sprint retrospective

The second part of this repot contains our retrospective sprint. Here we used a tool called Miro to make a board where we could write notes to reflect on how the project is going so far. Unfortunately, not every filled in the board due to the holiday in Finland. Hopefully we can have some input from every team member future retrospectives.

In the screenshot below you can see our board. If the text is too small, be sure to go this our repo where we've also included an image of this board. [Link]