

Week 8



Heart rate monitor VR experience

Members

Team J

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Heart rate monitor VR experience

Work

Milestones

- Live heart rate monitoring
- Make app that sends POST requests from watch (client) to server
- Make a webserver using ngrok

Working feature for this week

- Sending heart rate monitoring data to the server

```
127.0.0.1 - - [21/Nov/2023 15:52:16] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 75  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:21] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 74  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:27] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 75  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:32] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 76  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:37] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 81  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:43] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 83  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:48] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 0  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:53] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 0  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:52:59] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 0  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:53:04] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES  
heart rate: 82  
RECIEVED A POST  
127.0.0.1 - - [21/Nov/2023 15:53:09] "POST /hr HTTP/1.1" 200 -  
BEFORE FILES
```

Hurdle

- Latest update on the watch had issues so it needed to be reset to factory version
- Learning flask
- Learning ngrok
- Learning postman

Plan for the coming week

- Get the notifications working on the Oculus Quest
- Connecting Oculus Quest to the server