

Week 9



Heart rate monitor VR experience

Team J - Heart rate monitor VR experience

- Satvik Singh (Android watch, Web server)
- Leo Lee (VR App)
- Ana Maria Sampedro (Android Watch)
- Rishi Gondkar (Graduate) (VR App, Web server)

Work

Milestones

- Processing heart rate data coming in from the watch(Storing it in a database)
- Sending notification from the server to the VR
- Have an app running in the background for VR that will catch the notification being sent by the server

Working feature for this week

- Sending notification to VR showing the heart rate of the user every 5 seconds.

Hurdle

- Running VR app in the background or having a transparent overlay
- Getting Oculus user notification to work(Requires the app to be published in the Meta Quest Store)

Plan for the coming week

- Create ways for the user to interact with the notification (hand motion or using the controller)
- User to be able to directly interact with the server so that they can change the parameters for notification threshold (Create settings menu)