**VISUALIZATION OF URBAN MOBILITY RELATED WHEELCHAIR DATA**

*Key Notes:*

Sensor data provided by a smart wheelchair

Time Stamp

Angular Velocity

Translational Acceleration

GPS

GPS needs to be visualized on Google maps with path of wheelchair needs to be color coded and superimposed (Database heading possibility)

1. Speed of the user
2. Roughness of the surface
3. Inactivity time (Riding on a transport)
4. Wheelchair stroke pattern
5. Fatigue of user(tiredness)

END RESULT : A data that helps wheelchair user as well as town planners to improve accessibility of urban life

Data:

Publicly available sensor data sources

Approach for urban mobility from sensor data