RUDA 3D Digital Twin City
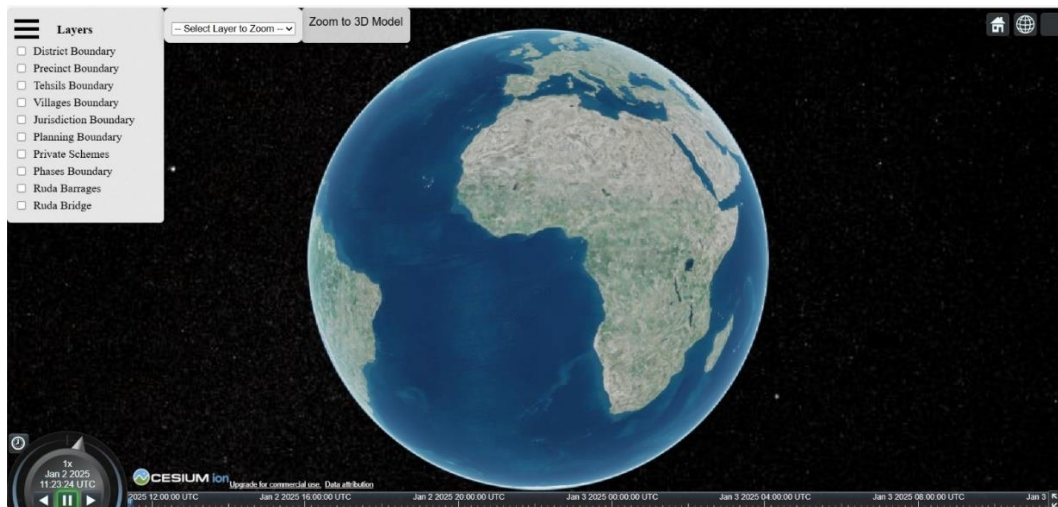
Digital Twins are a management model that are bridging the gap between physical and digital worlds, improving situational awareness and in turn, decision making. Digital Twins are representations of physical assets, people or processes and are developed to support new or enhanced business objectives.
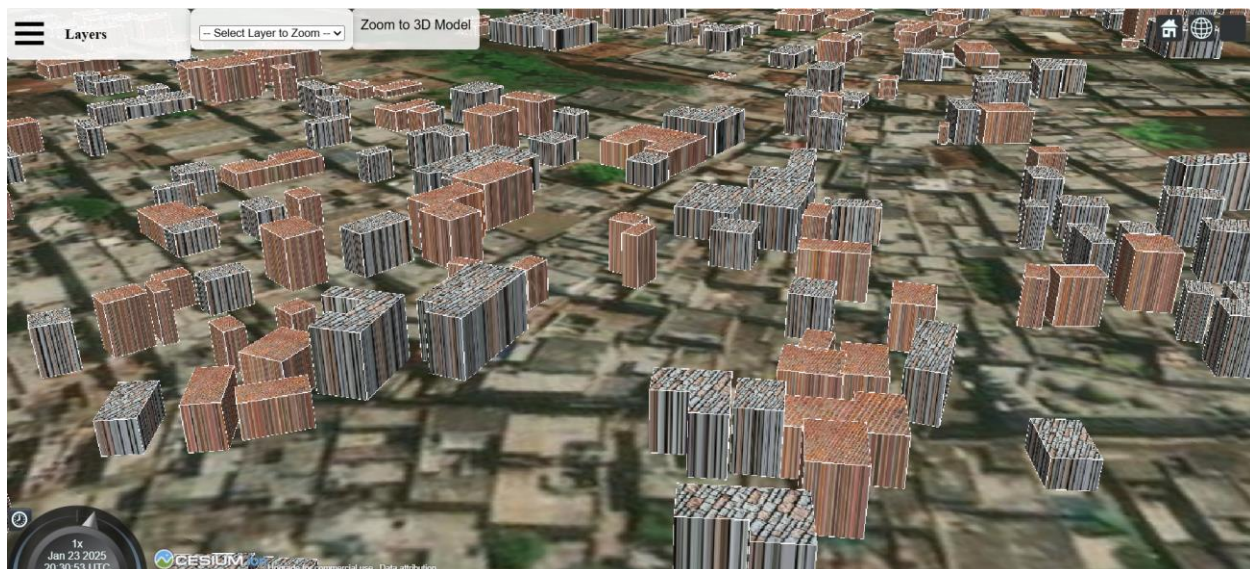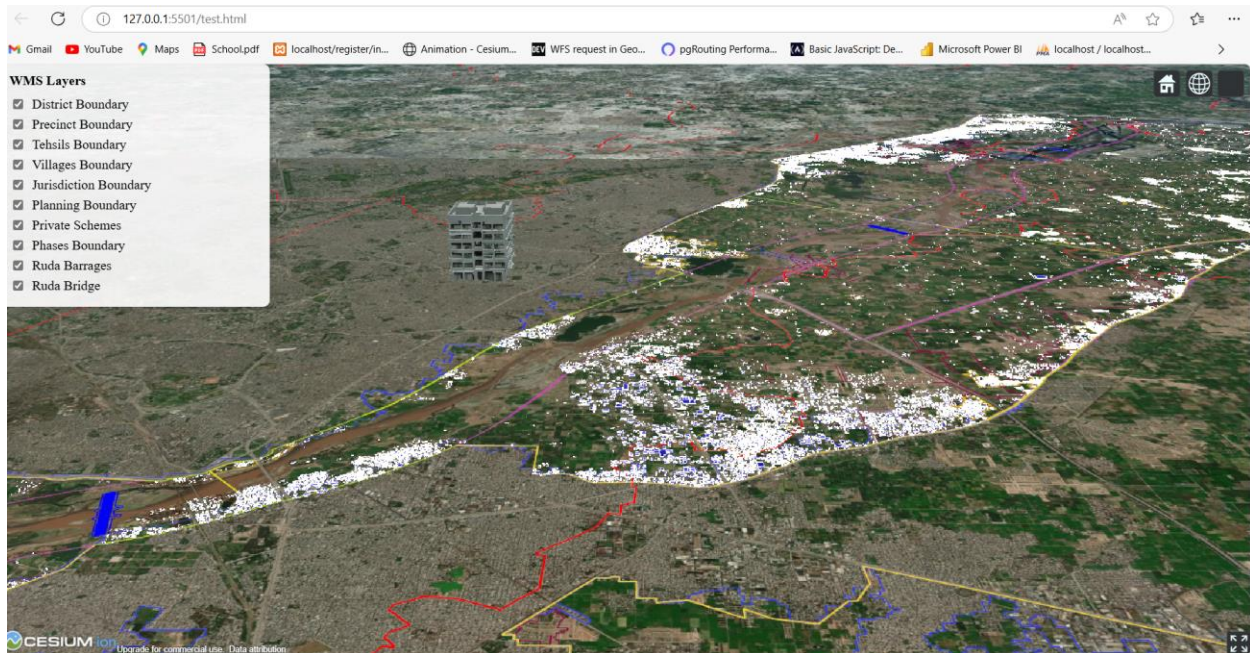
As enabling technologies have advanced, including Cloud, IoT and AI, Digital Twins use cases have expanded and implementation costs reduced.

This is the 1ˢᵗ face I am working on this

- For Data Storage using **PostgreSQL (postgis)**
- For Publishing Data I am using **GeoServer**
- **F**or Data rendering, extrusion and 3D models visualization using **CesiumJS**

All layers (except building footprint) published via WMS to manage load
Building footprint data called as WFS so that dynamic extrusion could be managed

After adding the feeding models and applying textures to various features, this project will be completed soon.