Outline of Dissertation:

A. Introduction

-Current Nature of Construction industry

-Industry Problem

🡪Collaboration, Information Management

🡪Safety

-Smart City Context

-NASA Control Room

-Research Objective

-Research Contribution

B. Literature Review

-Smart City

-Gap of Construction Industry

-NASA Control Room

-Other Industry

-Real Time Data

- BIM360 + Forge

-PowerBI Dashboard

C. Methodology

- System Architecture of NASA Control Room in Construction

-Sensor Data

-> How its works , how to collect

-Web Server

-> How the Azure database build

->How the endpoint to be build

-Infrastructure for visualisation

-> BIM360 , Forge : Viewer

-> PowerBI Dashboard

-Field Test and Data Collection

->Site Description

->->how sensor set up and collect data in the factory

->Revit Model Specification